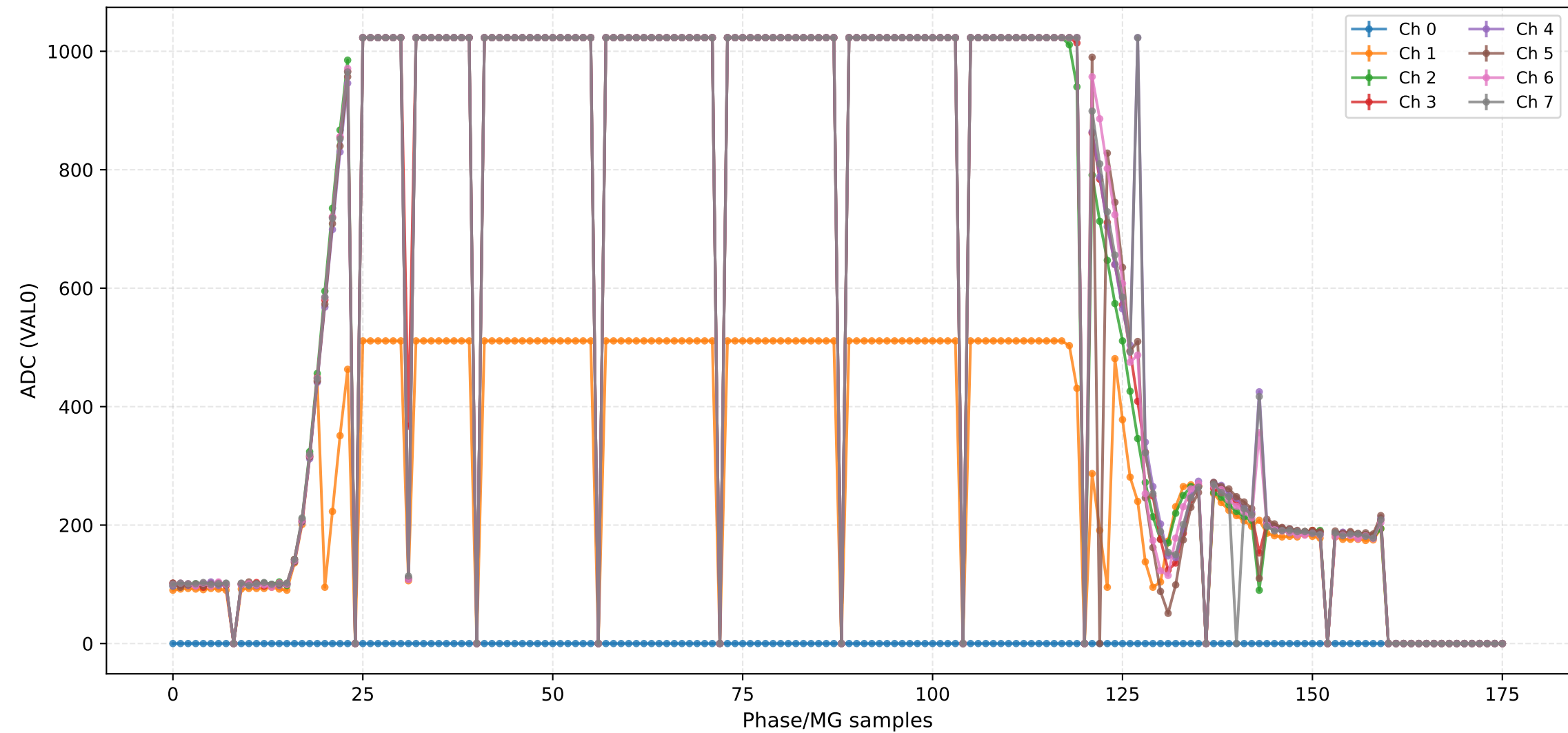
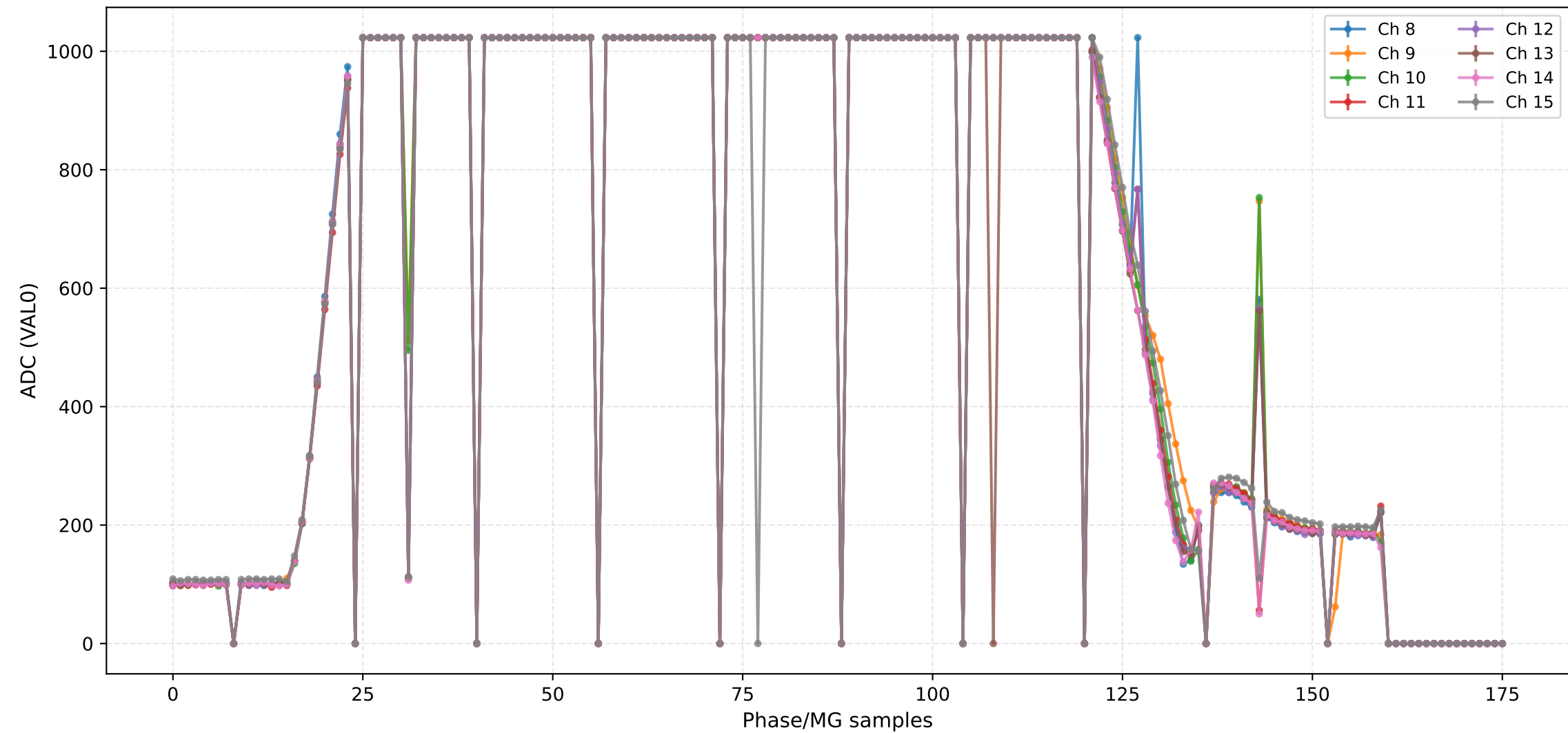


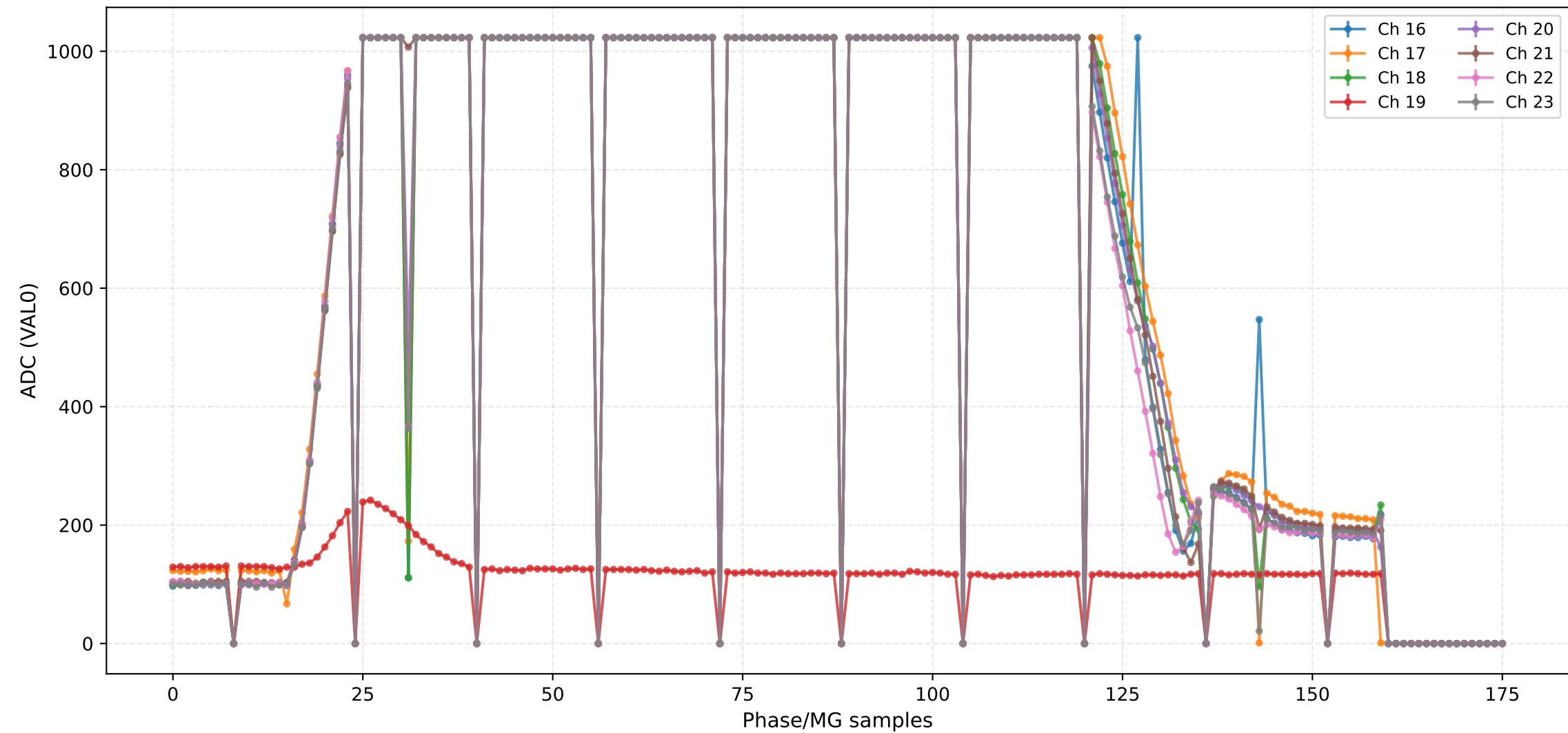
ADC (VAL0) - Channels 0 to 7



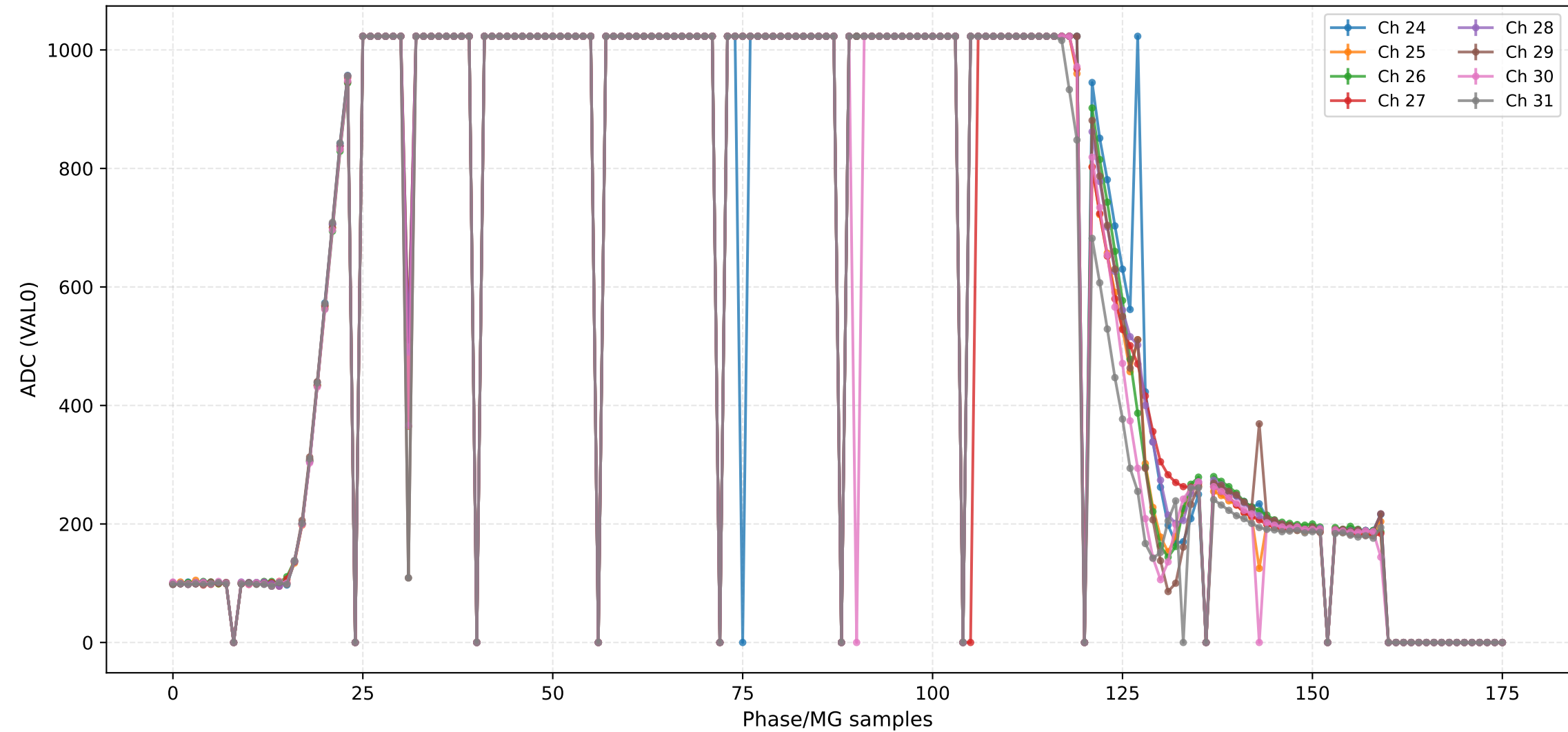
### ADC (VAL0) - Channels 8 to 15



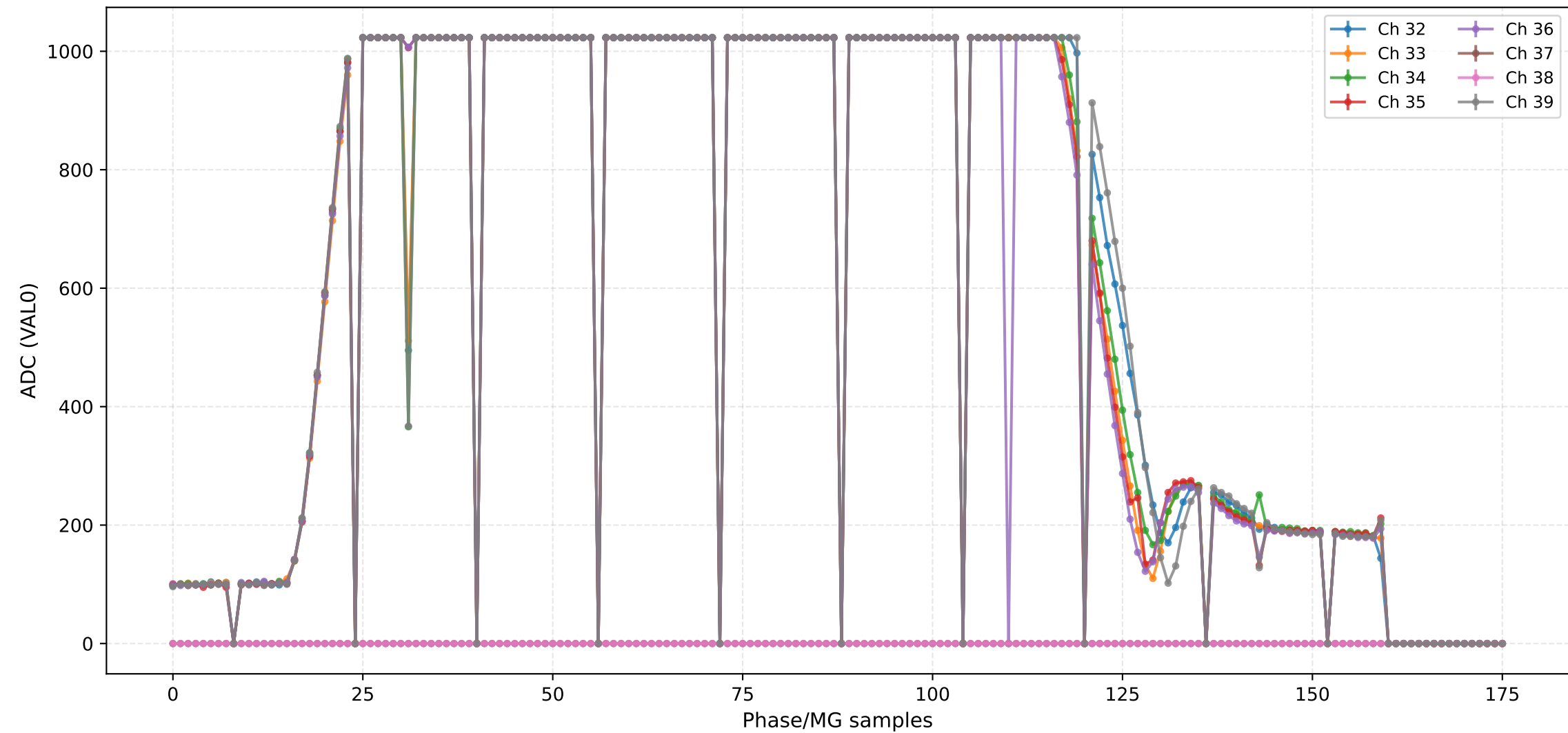
## ADC (VAL0) - Channels 16 to 23



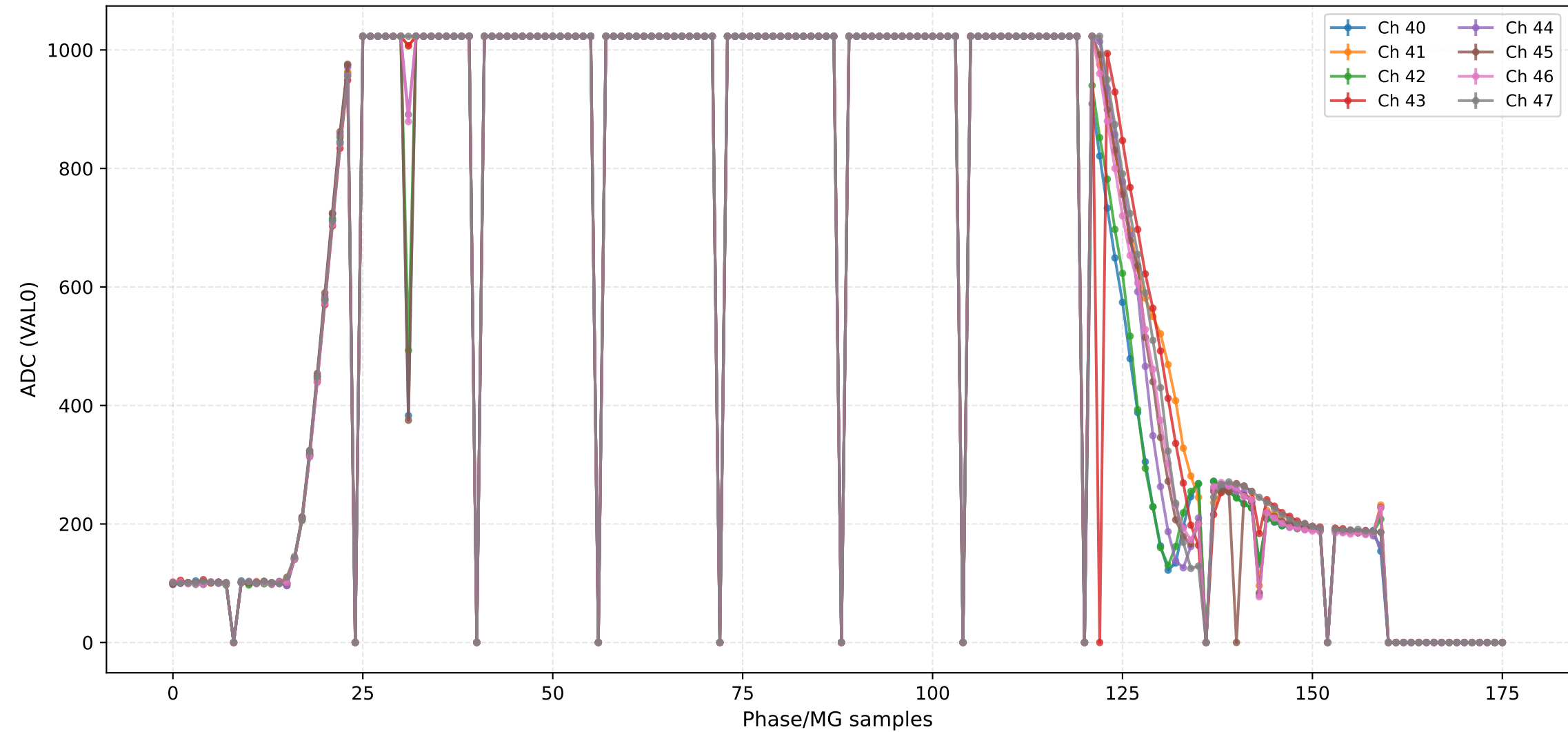
## ADC (VAL0) - Channels 24 to 31



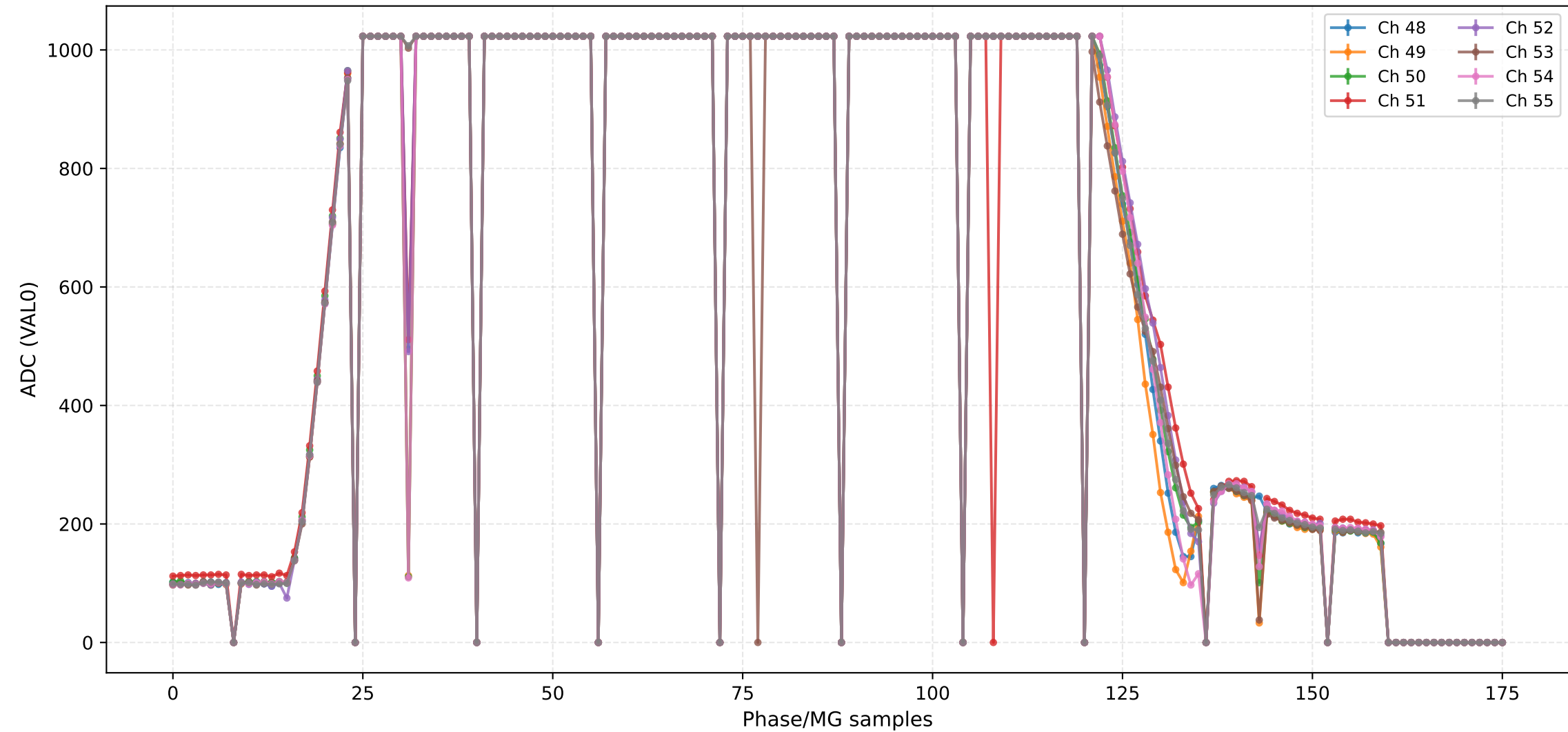
## ADC (VAL0) - Channels 32 to 39



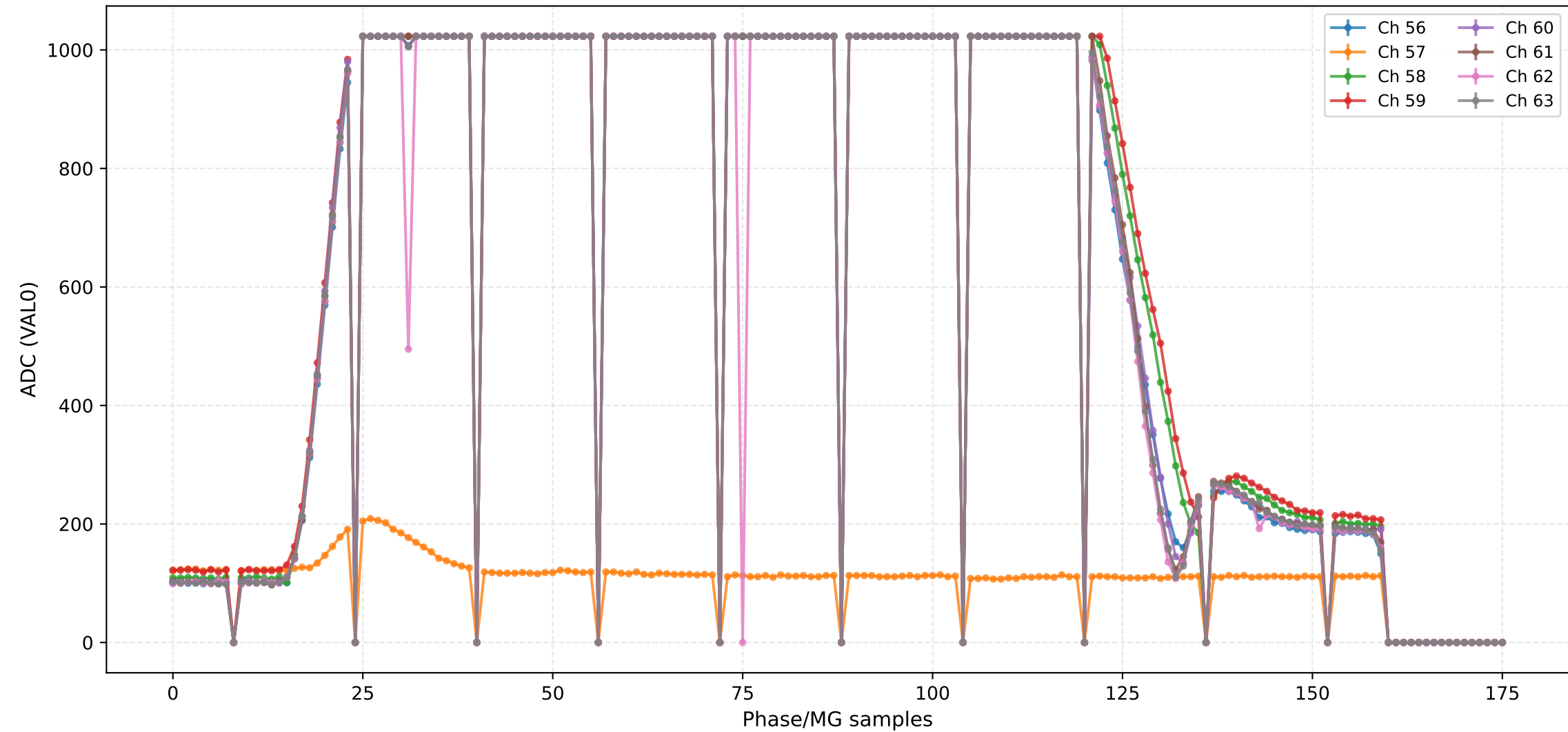
ADC (VAL0) - Channels 40 to 47



## ADC (VAL0) - Channels 48 to 55

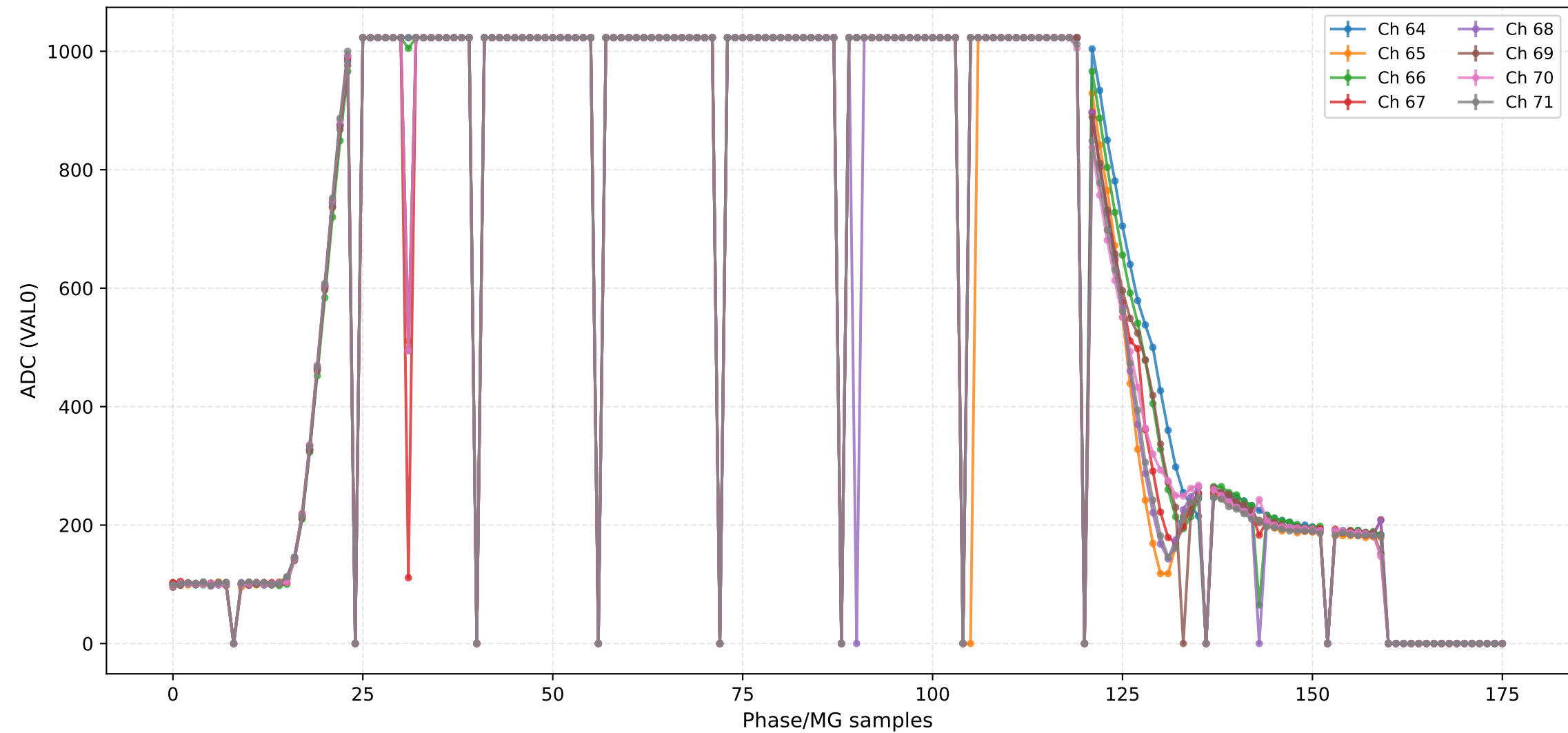


ADC (VAL0) - Channels 56 to 63

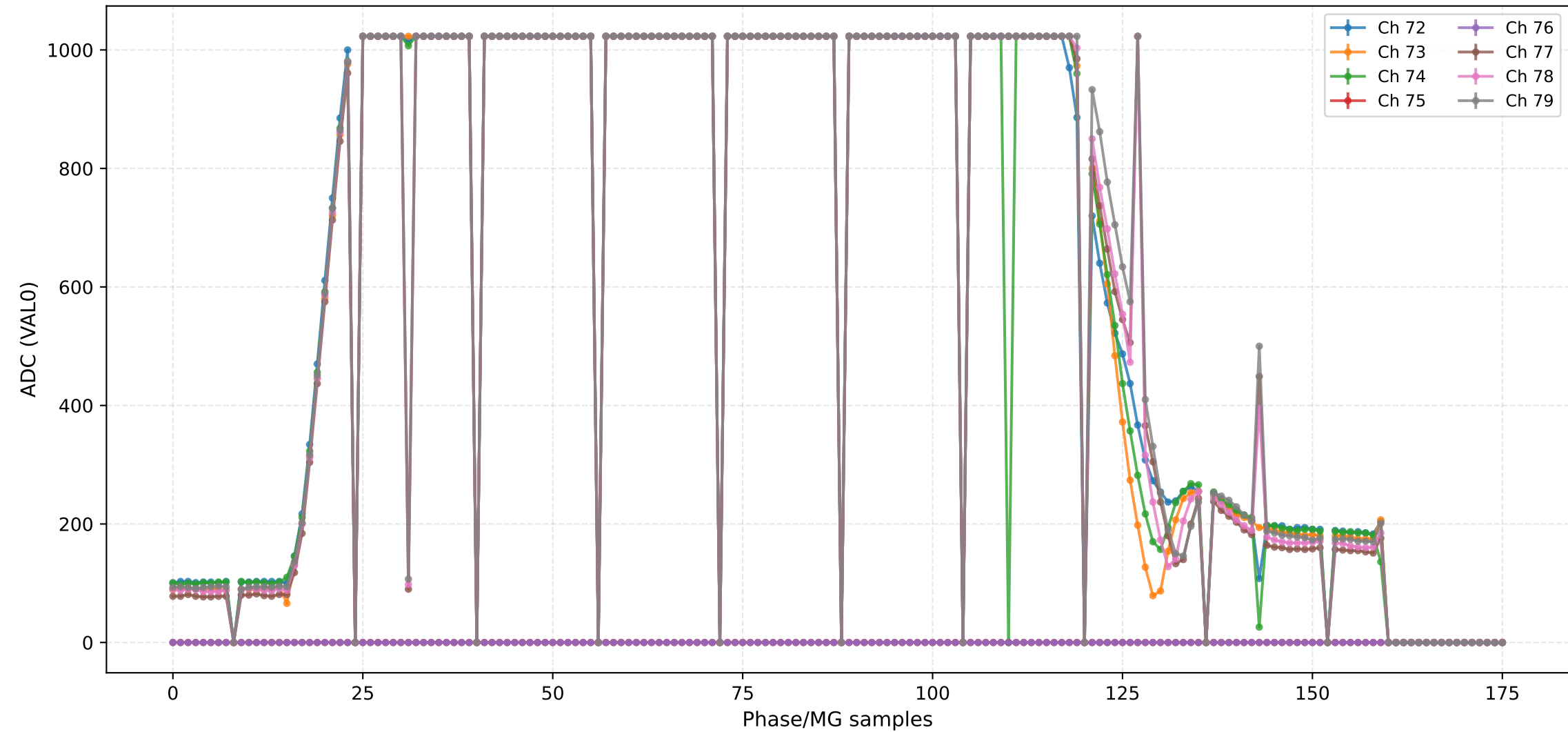




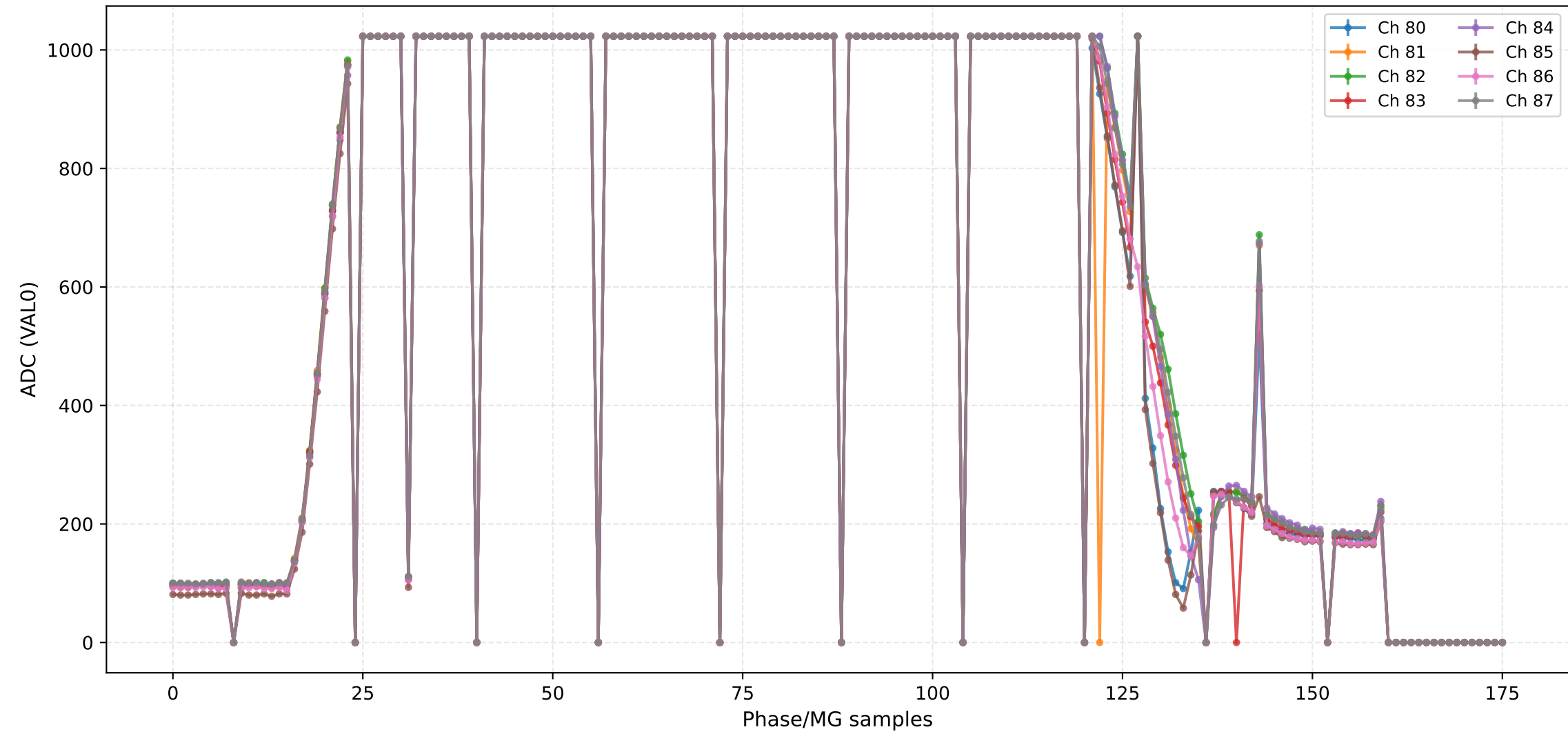
ADC (VAL0) - Channels 64 to 71



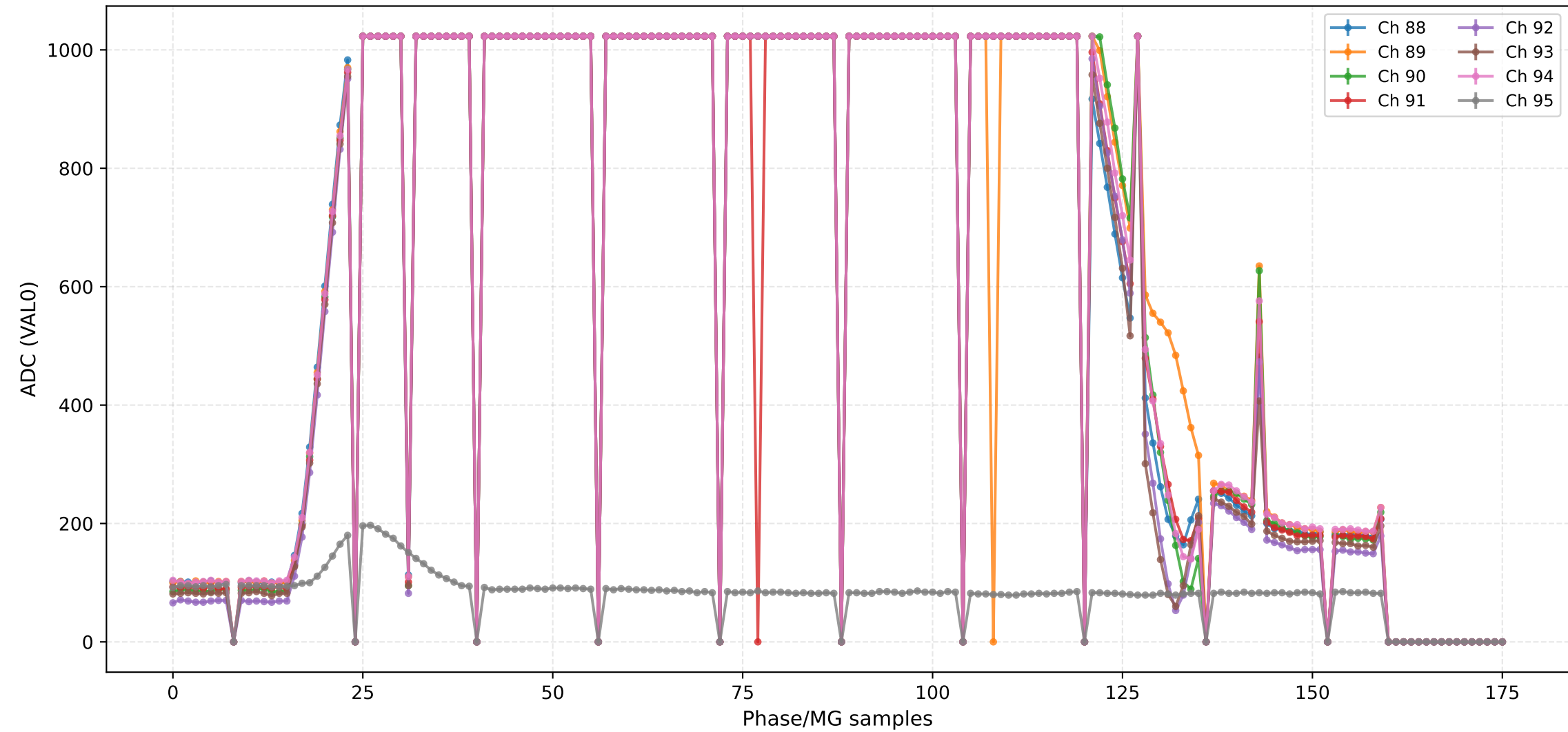
## ADC (VAL0) - Channels 72 to 79



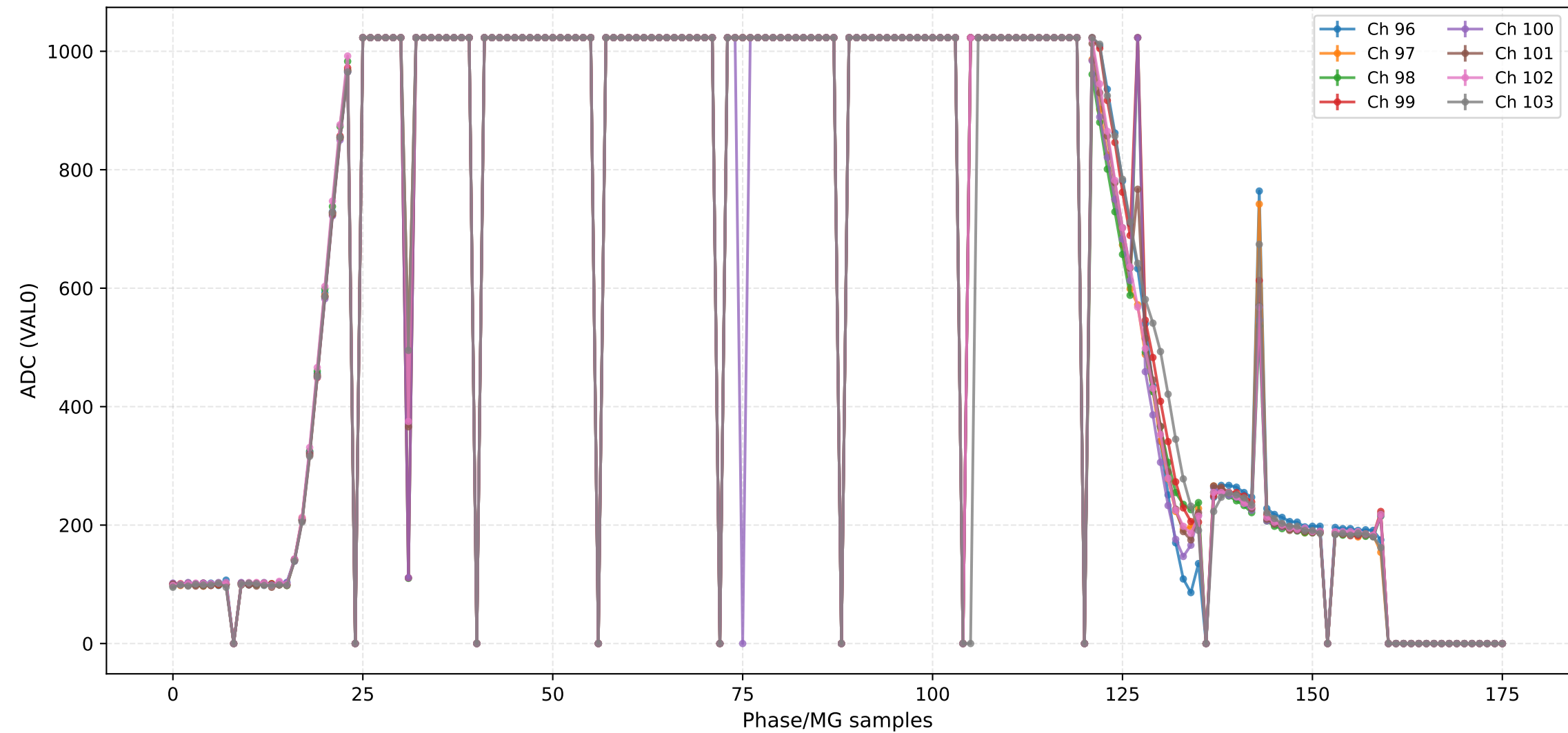
ADC (VAL0) - Channels 80 to 87



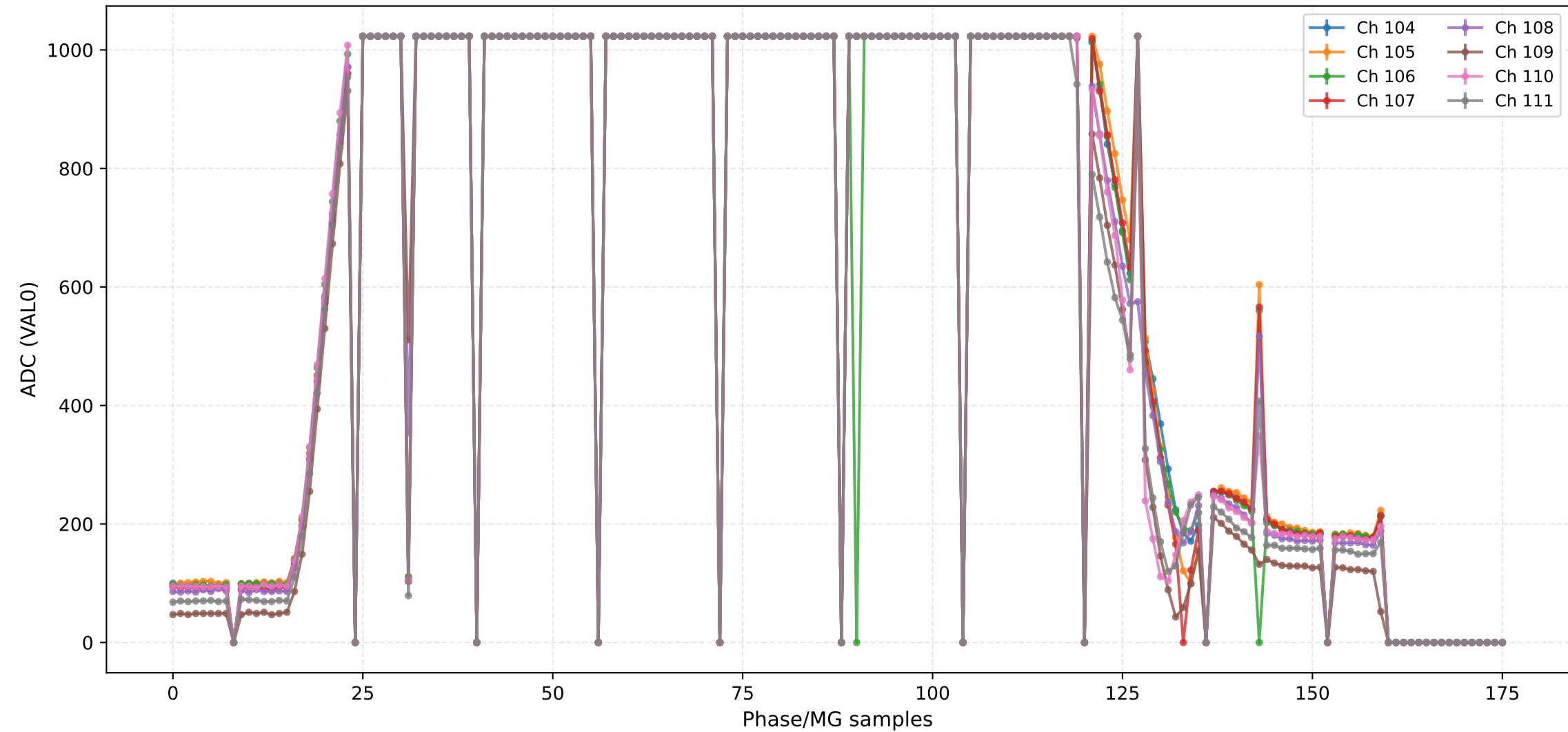
### ADC (VAL0) - Channels 88 to 95



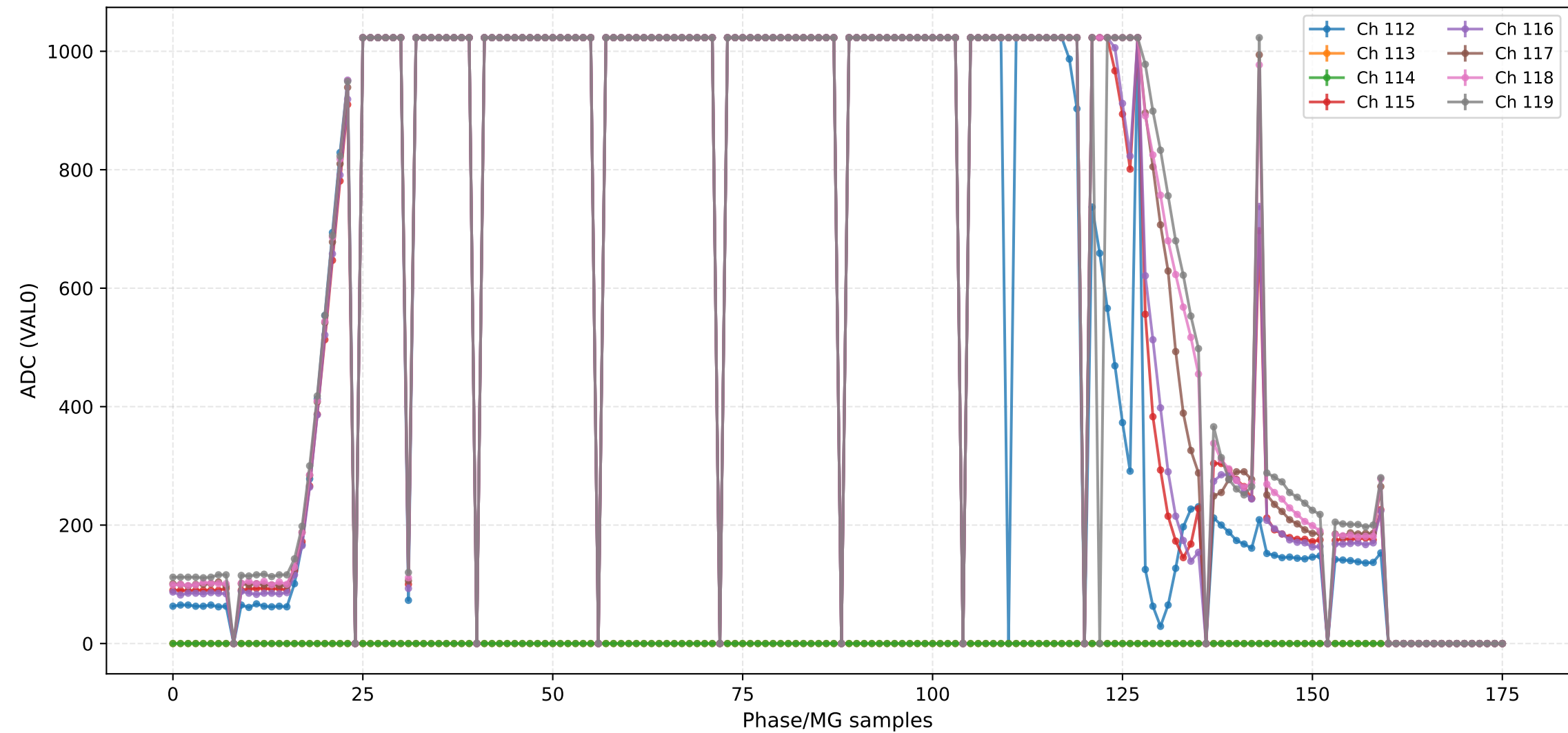
ADC (VAL0) - Channels 96 to 103



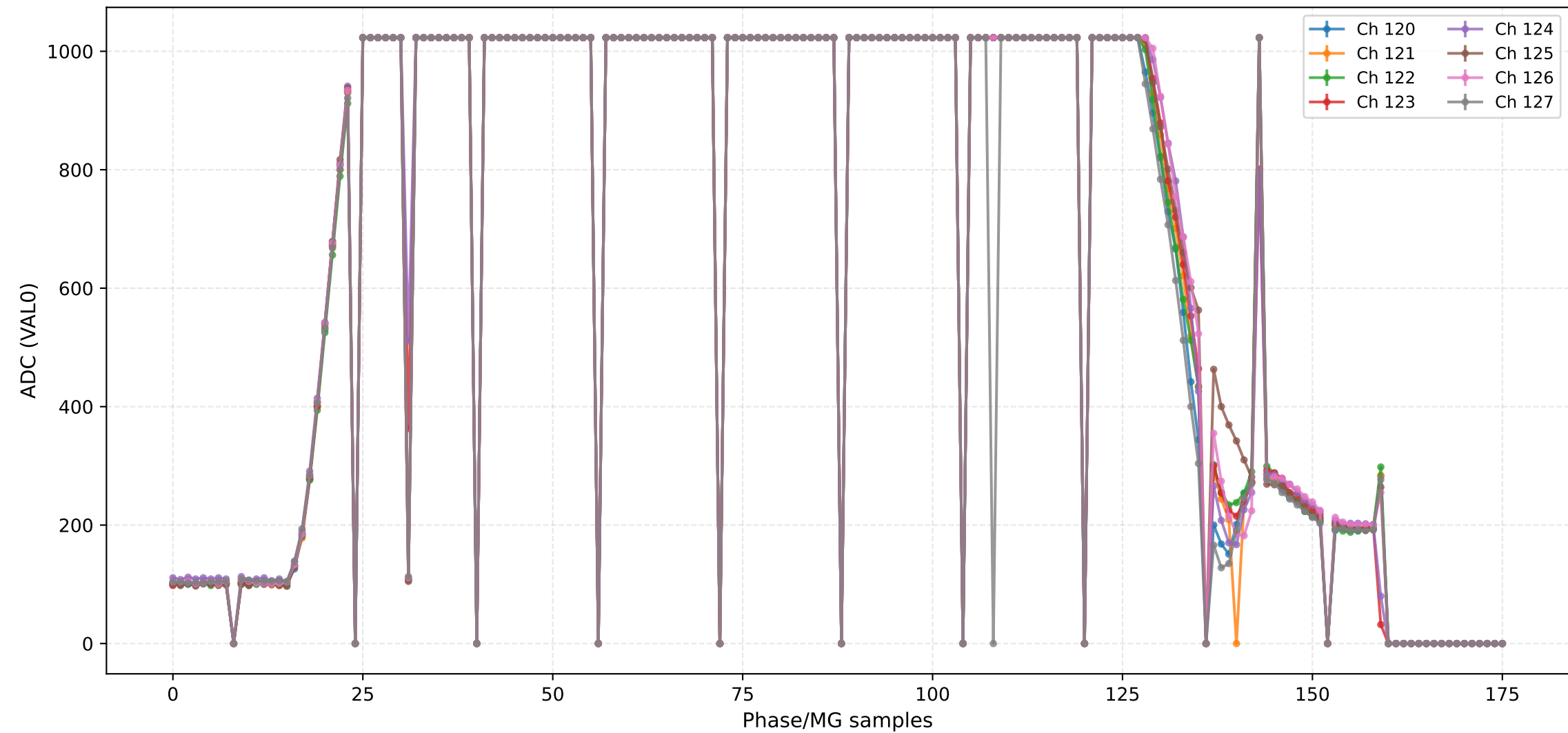
## ADC (VAL0) - Channels 104 to 111



### ADC (VAL0) - Channels 112 to 119

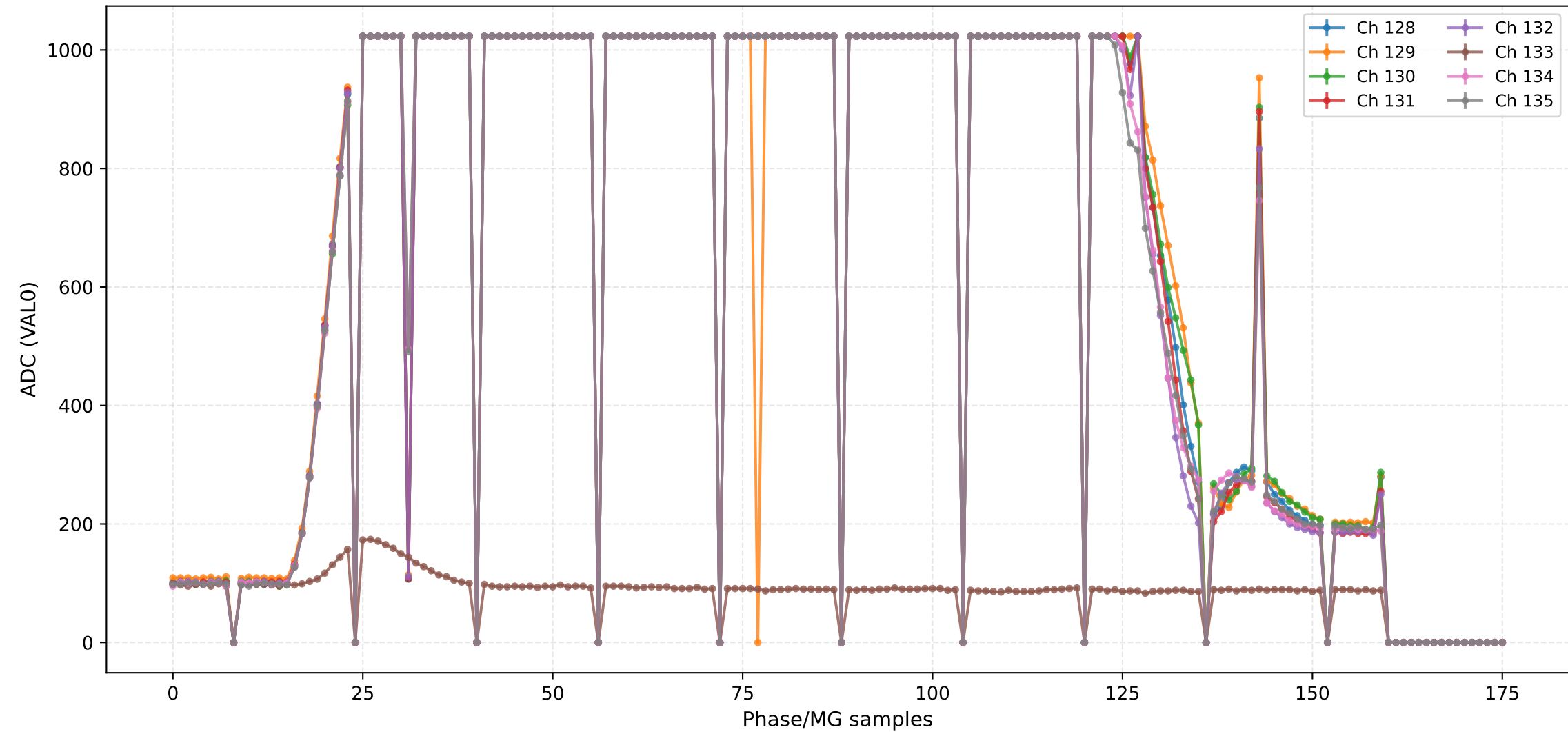


## ADC (VAL0) - Channels 120 to 127

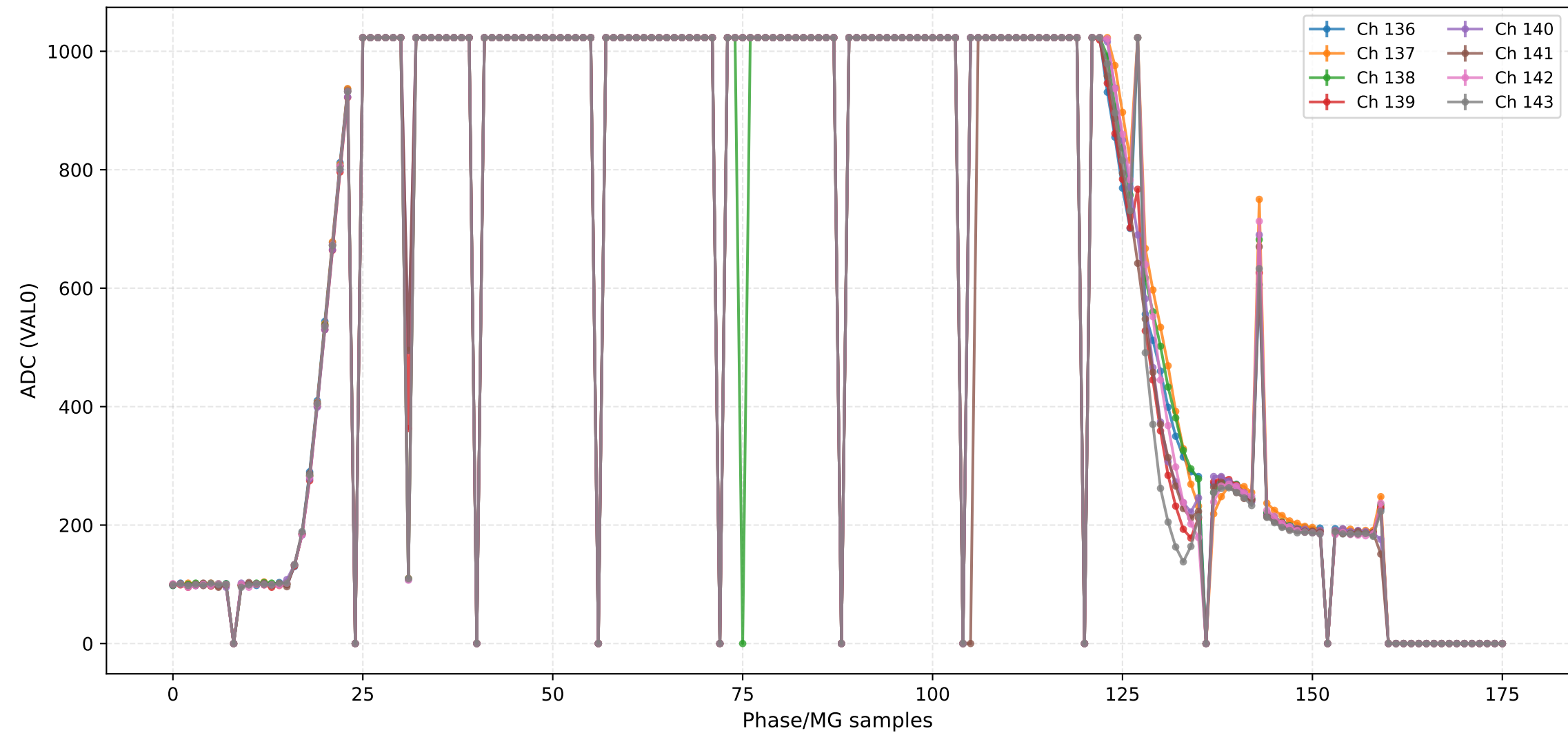




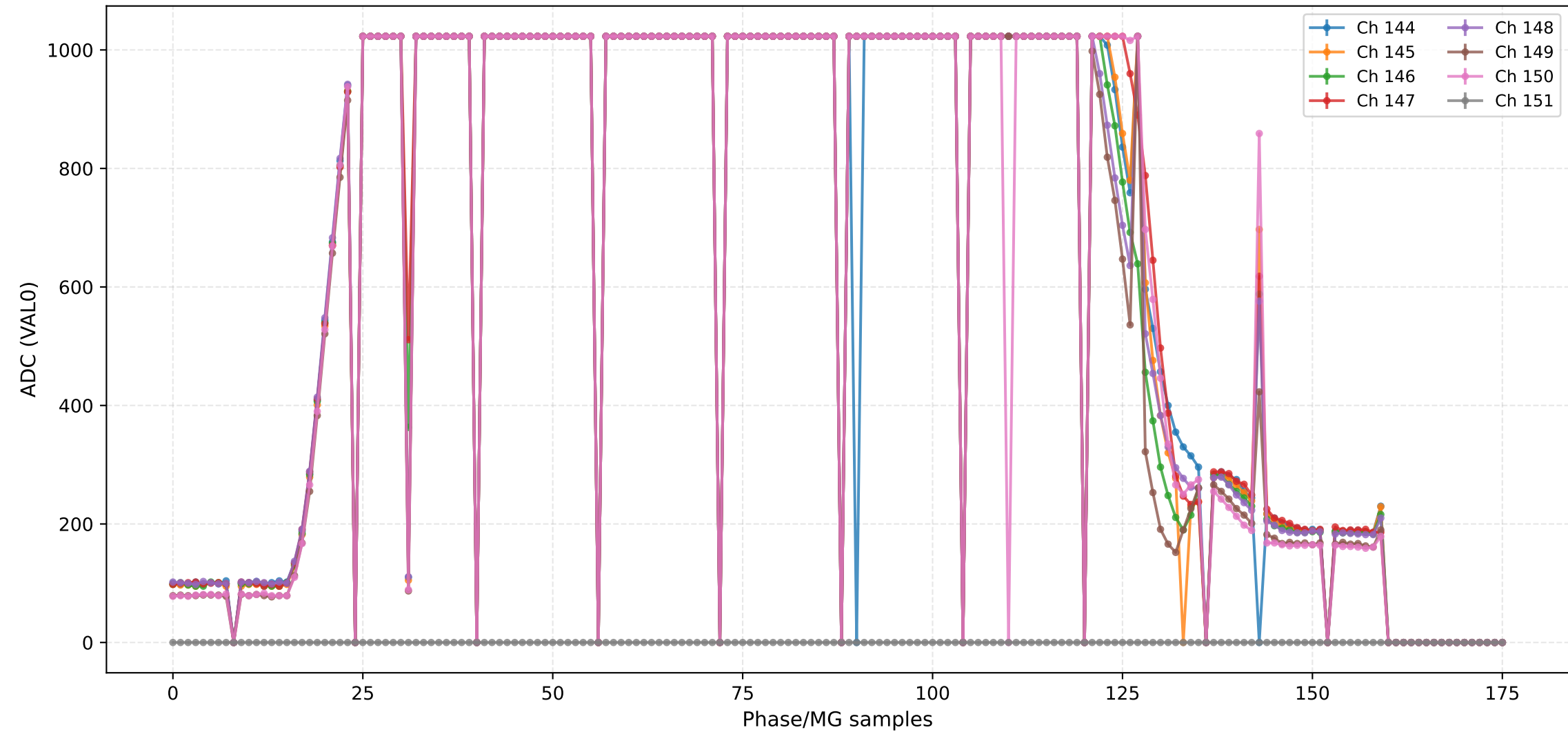
ADC (VAL0) - Channels 128 to 135



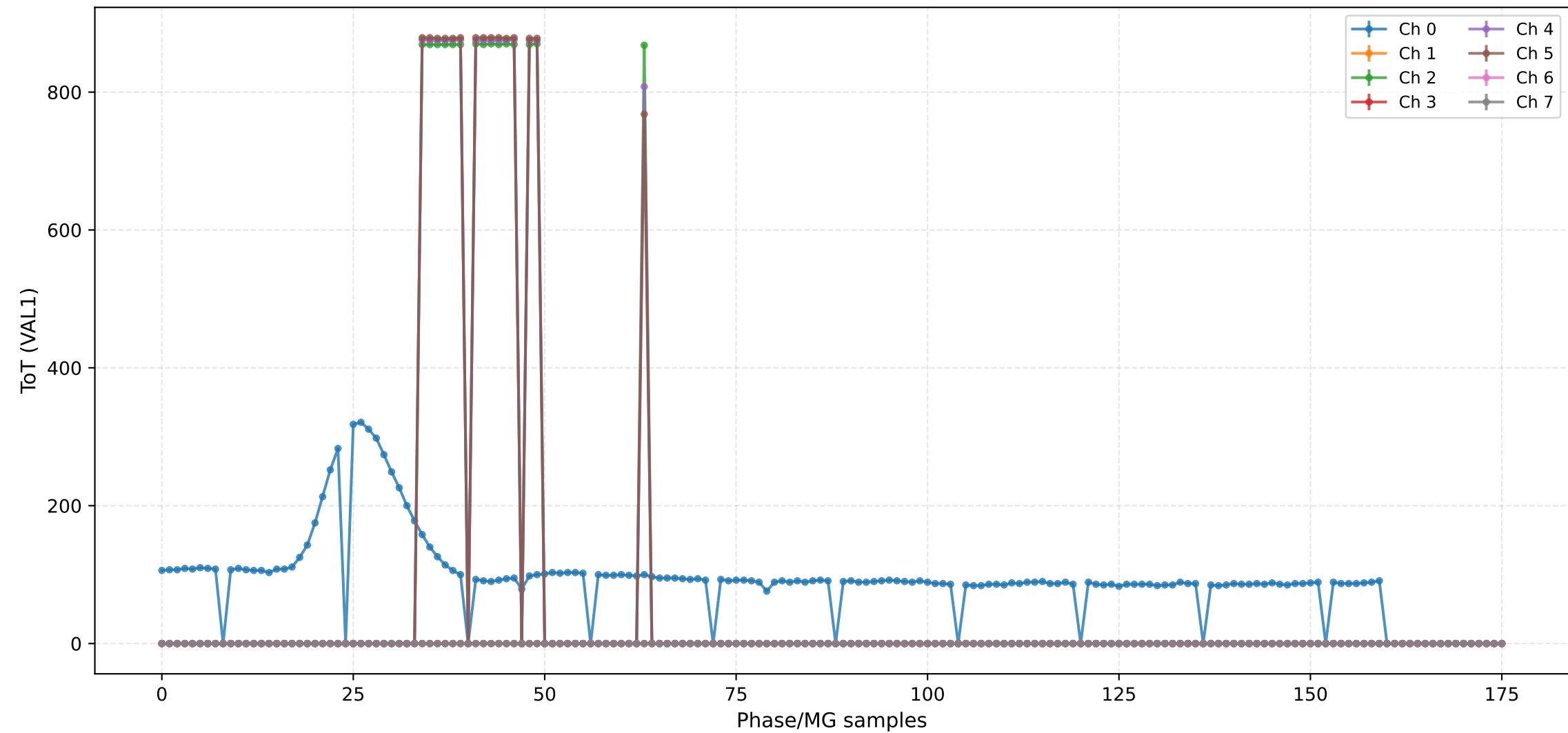
### ADC (VAL0) - Channels 136 to 143



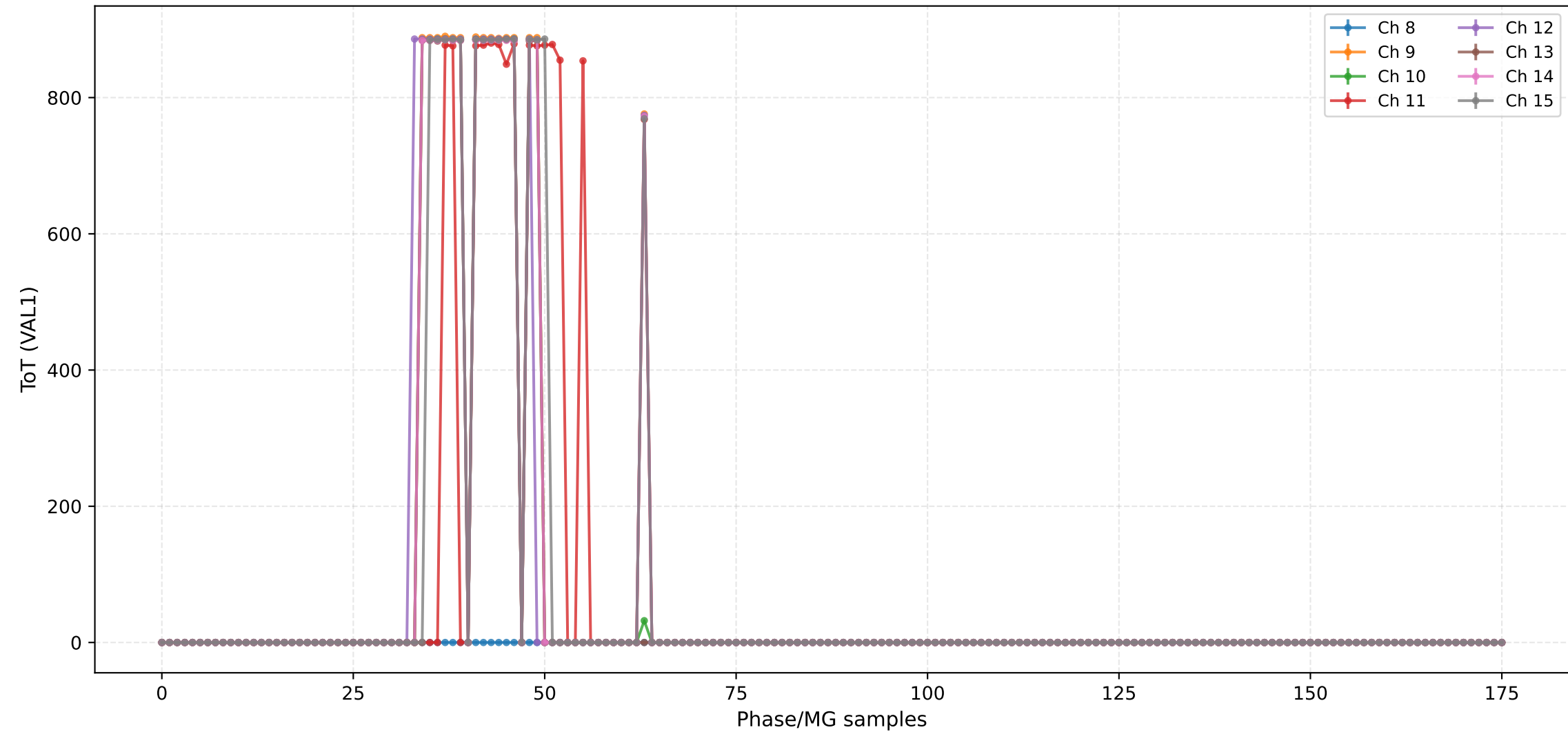
ADC (VAL0) - Channels 144 to 151



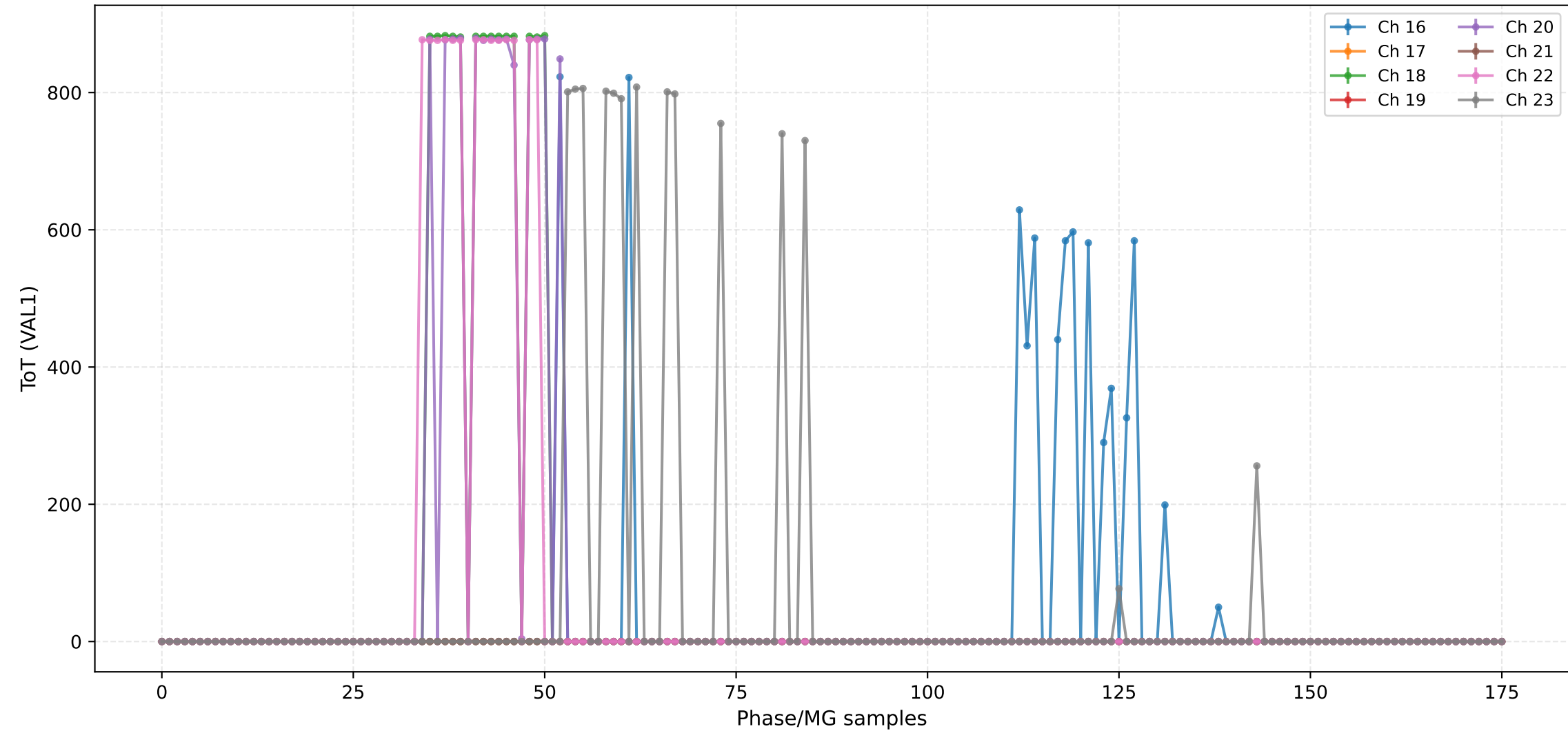
ToT (VAL1) - Channels 0 to 7



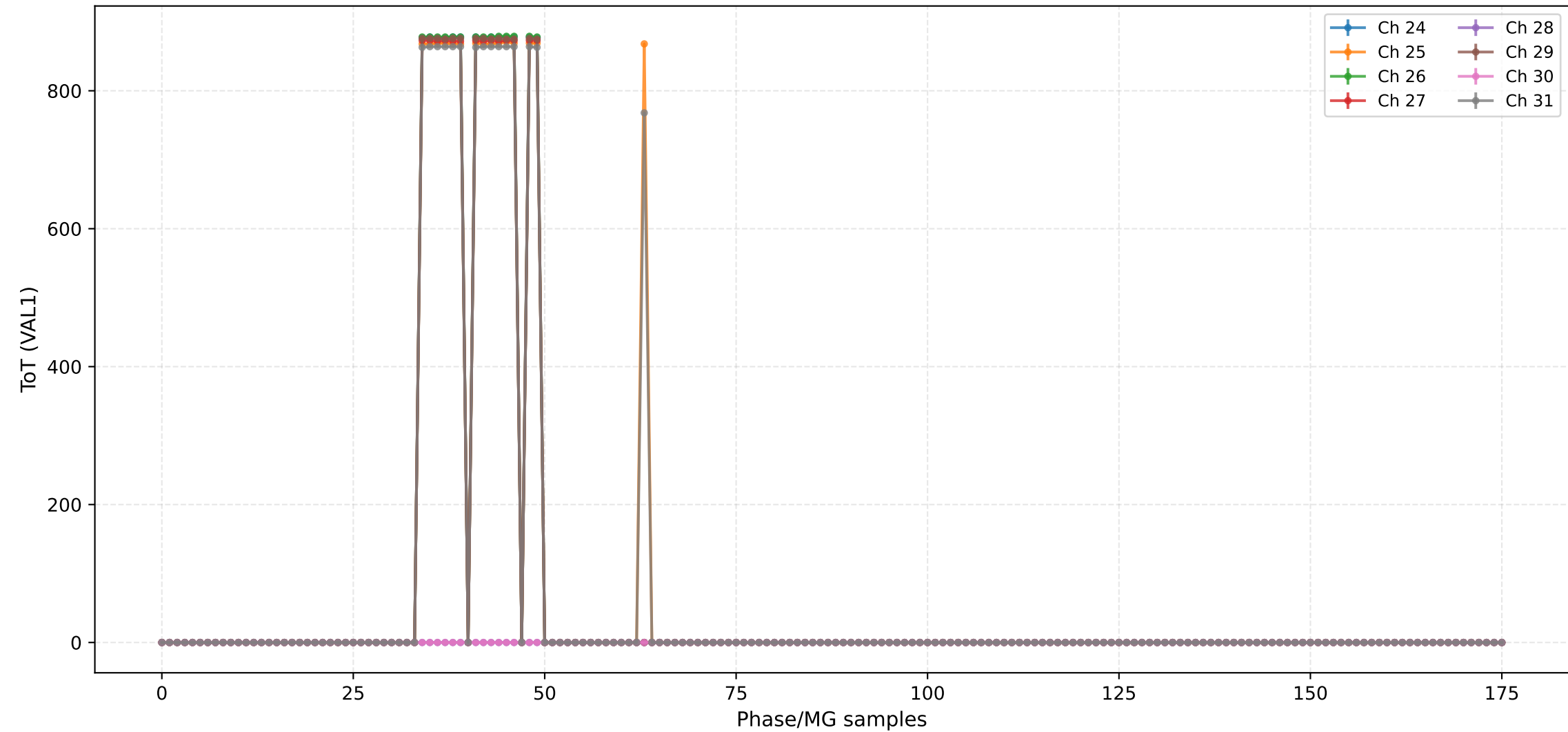
ToT (VAL1) - Channels 8 to 15



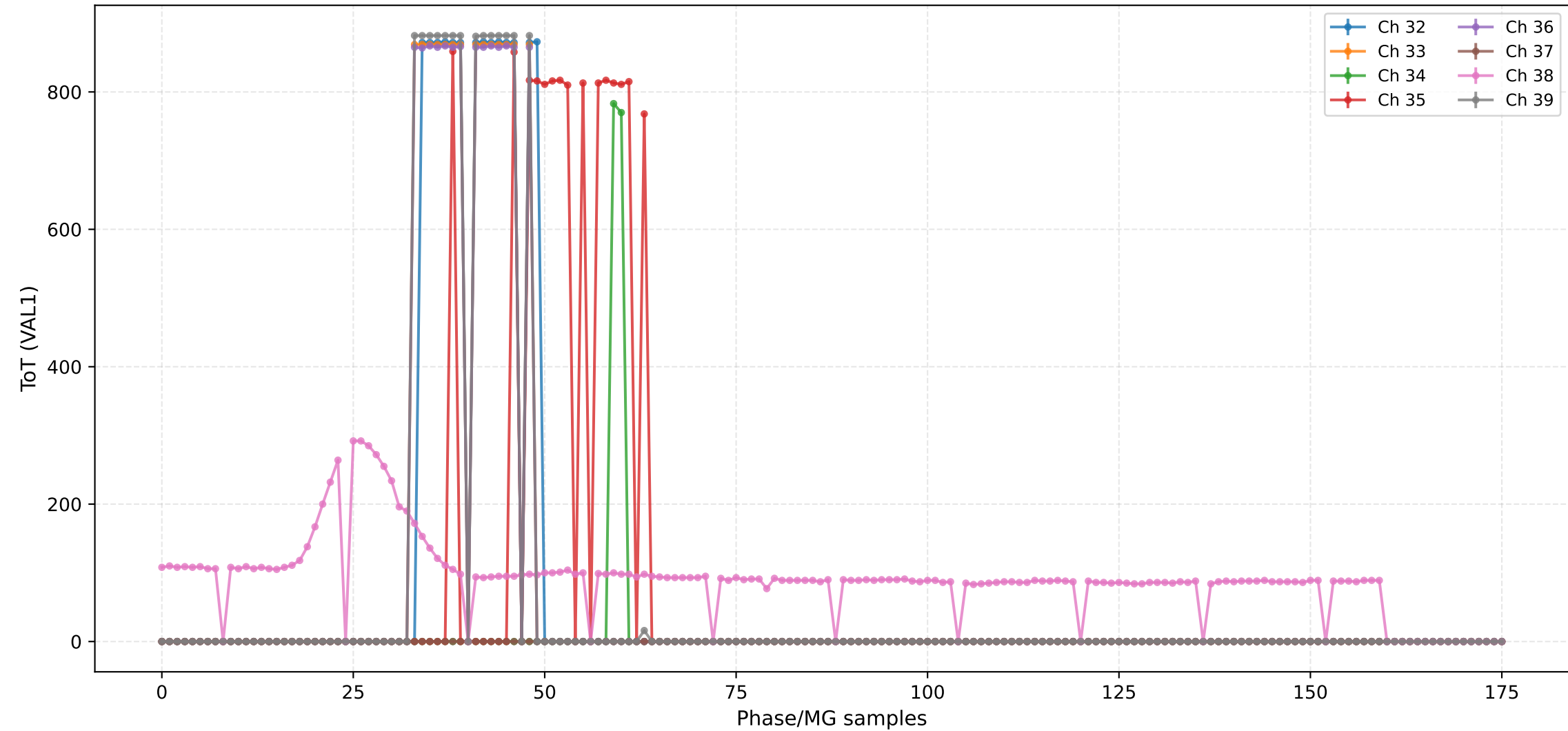
## ToT (VAL1) - Channels 16 to 23



ToT (VAL1) - Channels 24 to 31

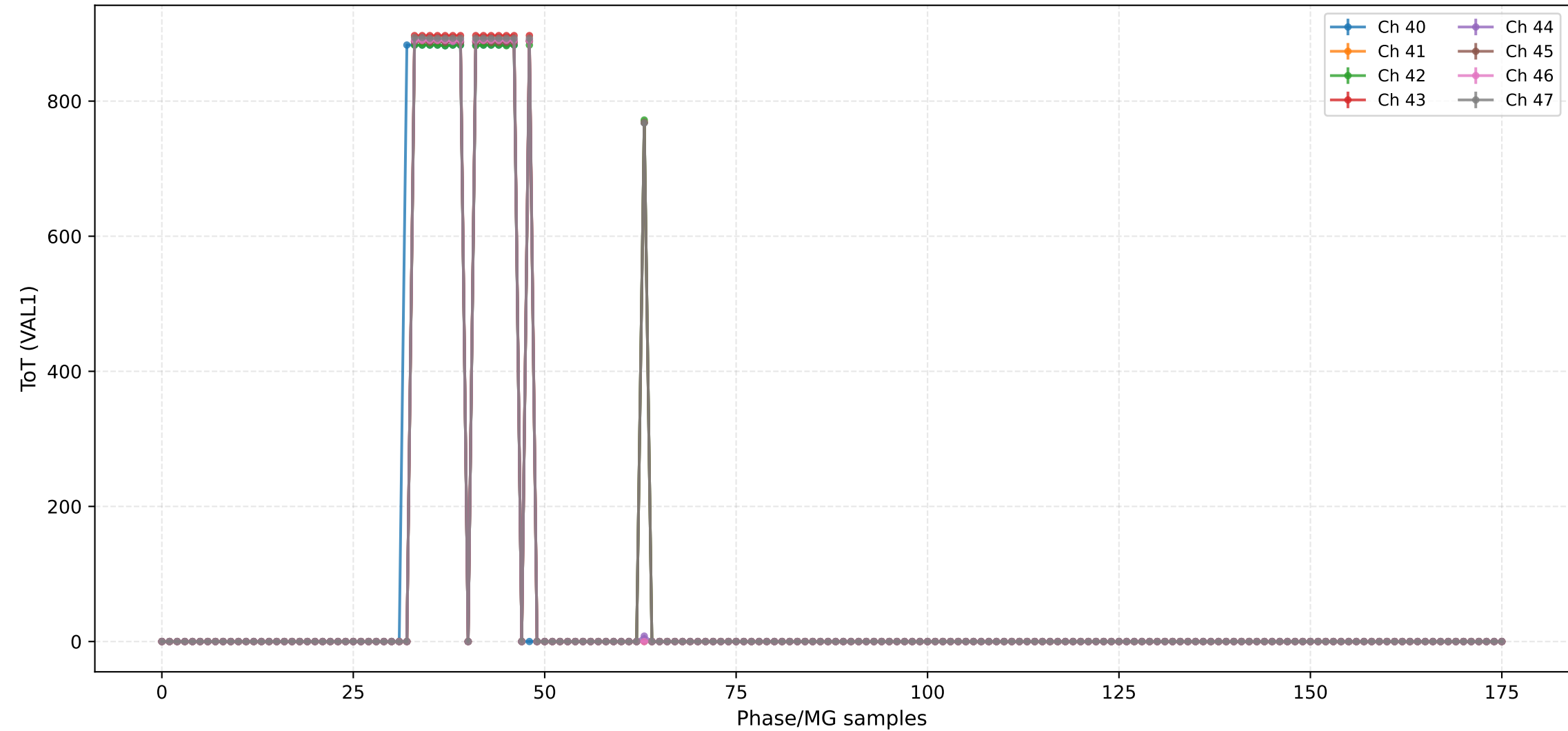


ToT (VAL1) - Channels 32 to 39

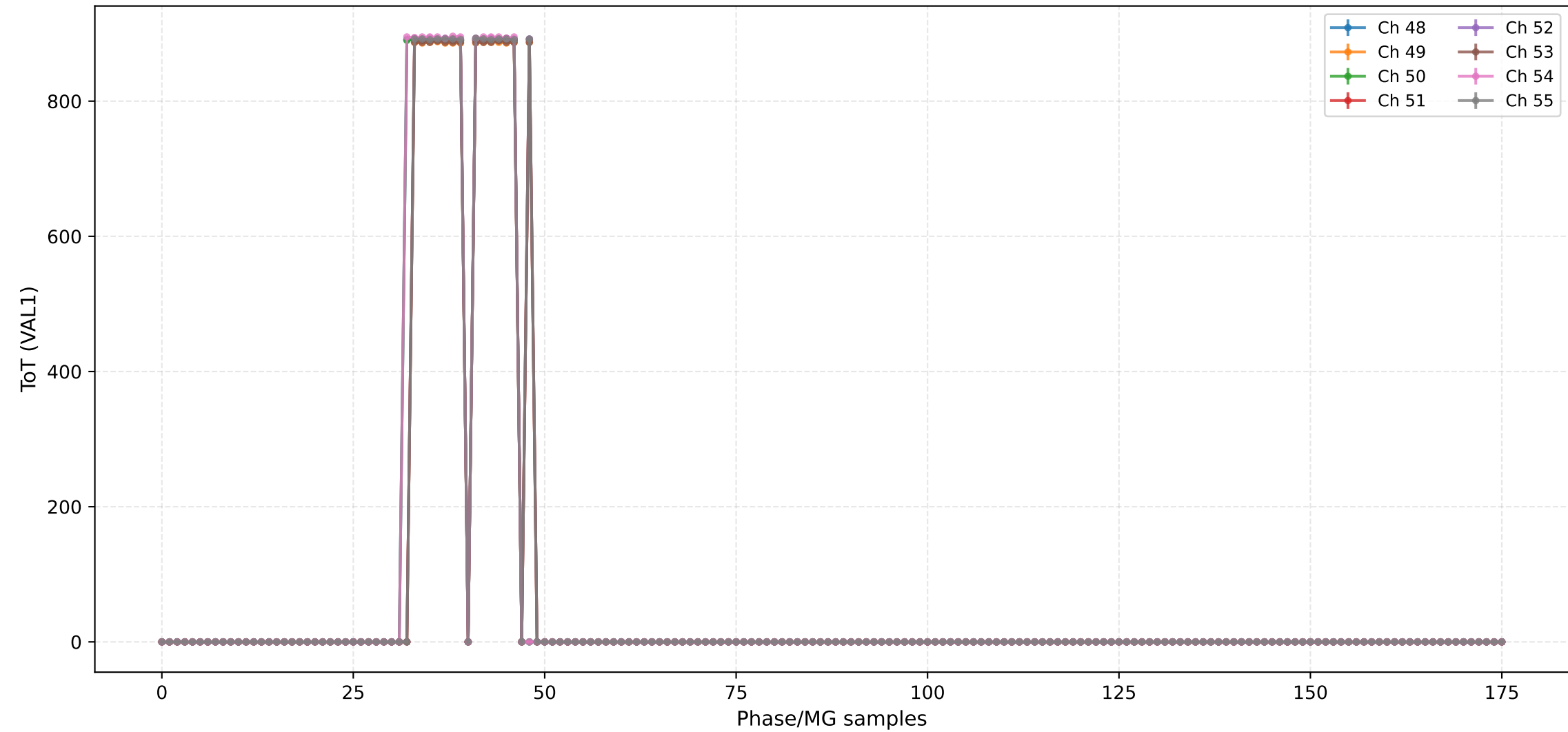




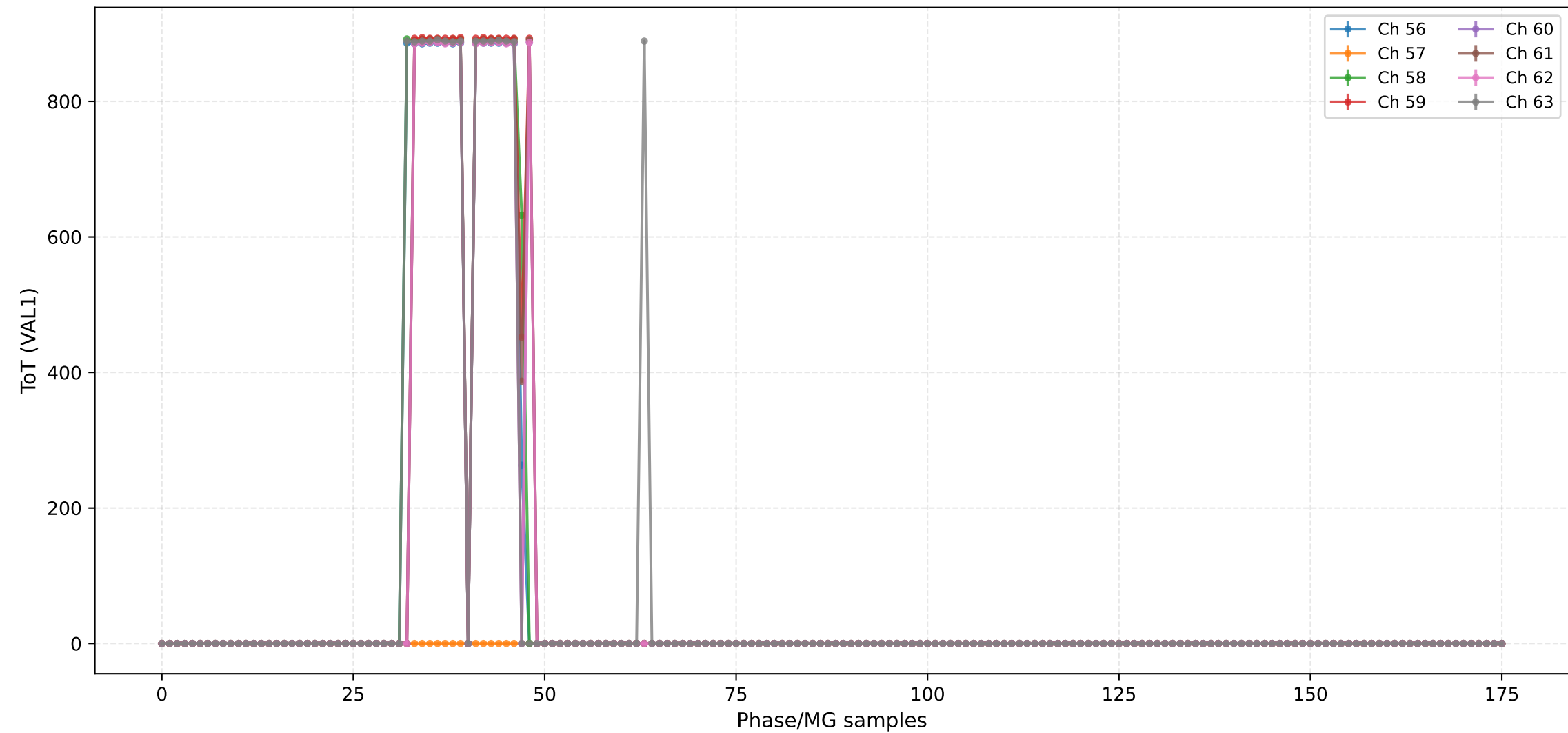
ToT (VAL1) - Channels 40 to 47



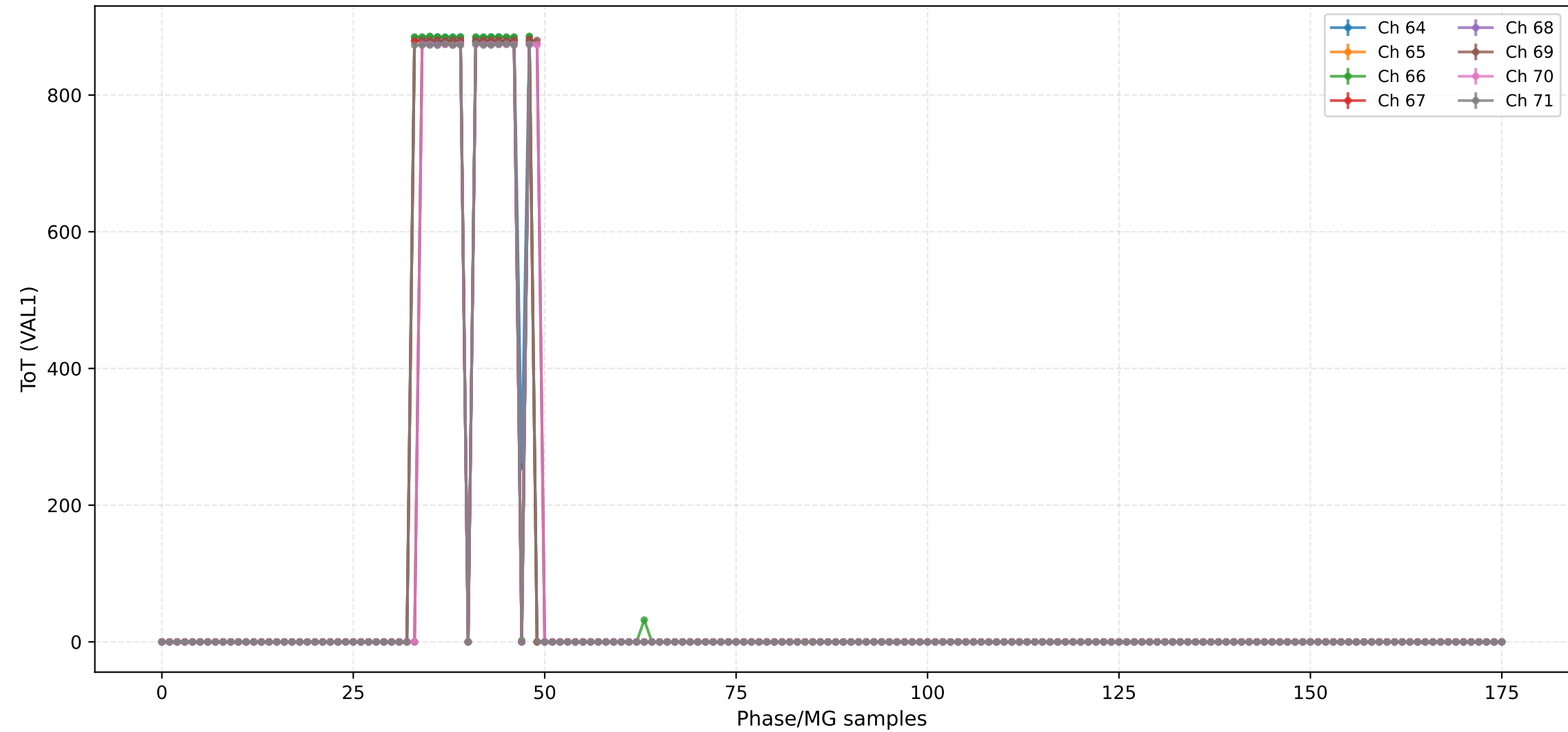
## ToT (VAL1) - Channels 48 to 55



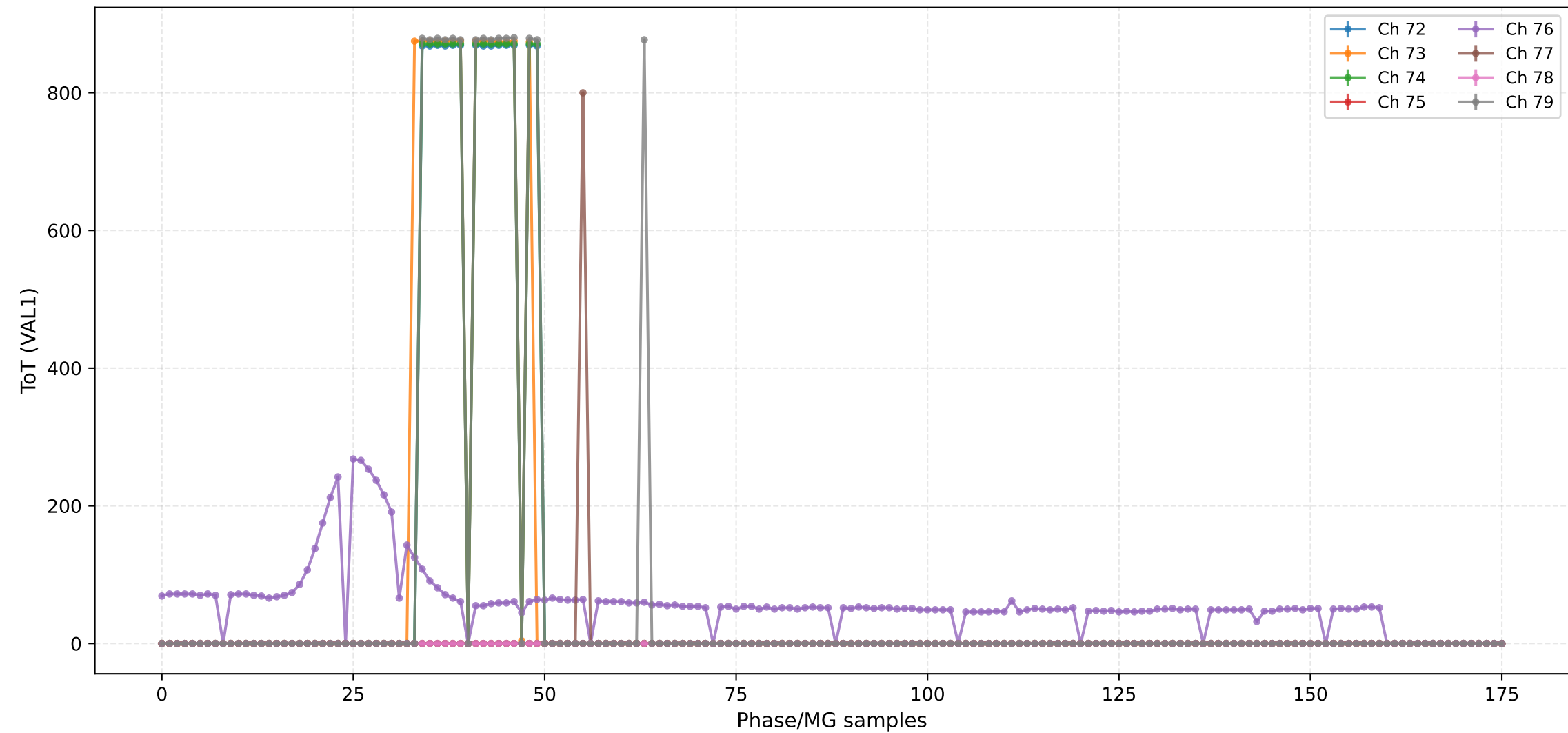
ToT (VAL1) - Channels 56 to 63



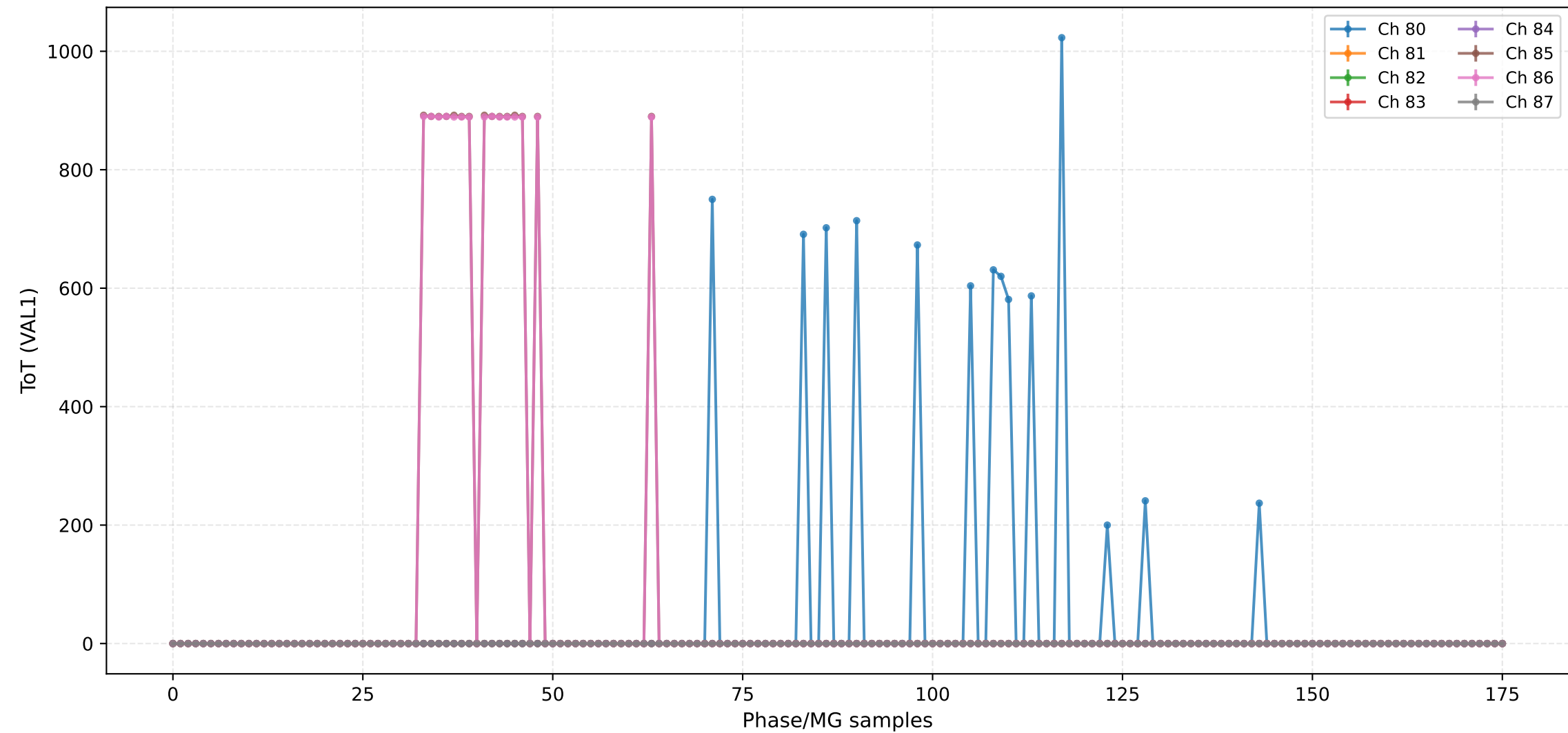
ToT (VAL1) - Channels 64 to 71



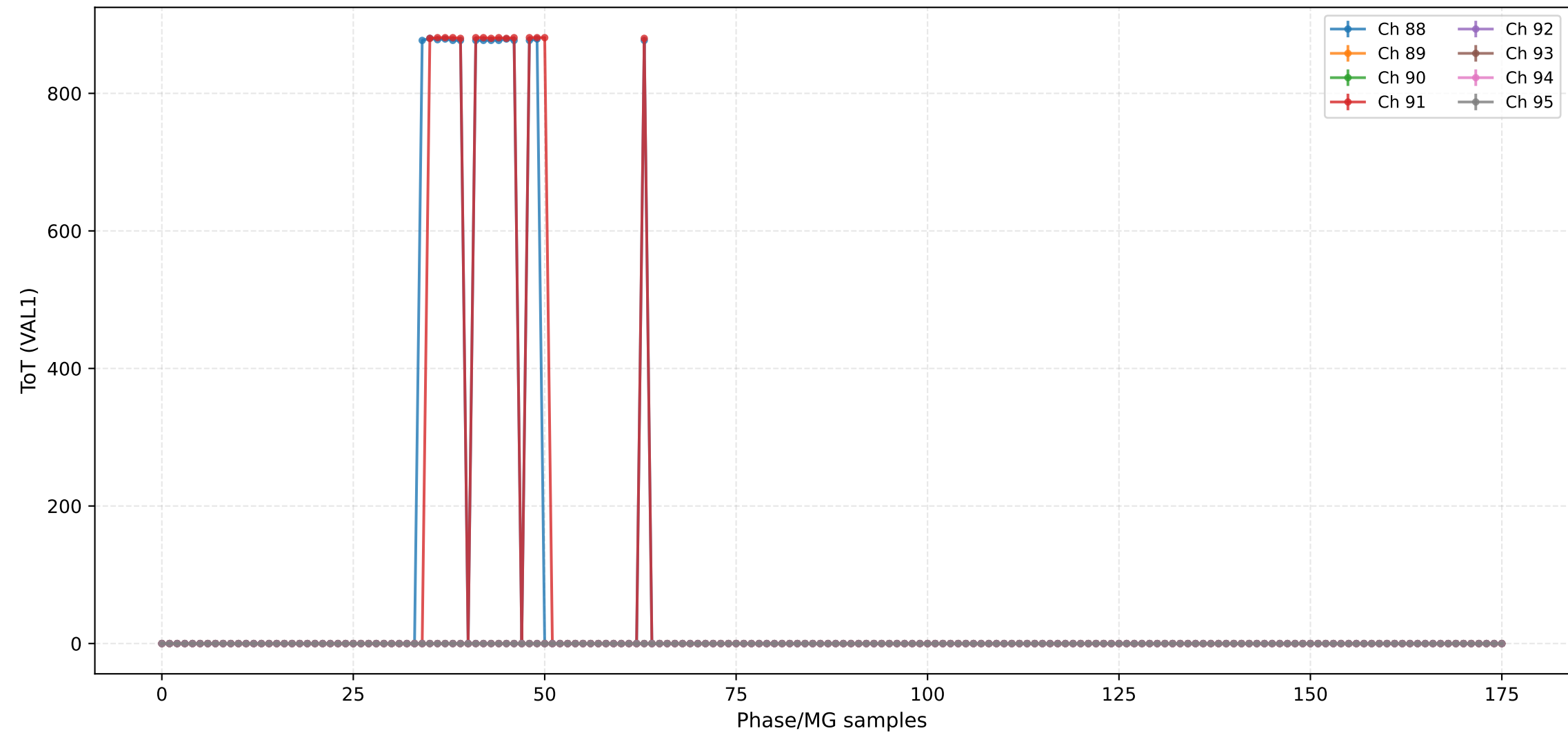
ToT (VAL1) - Channels 72 to 79



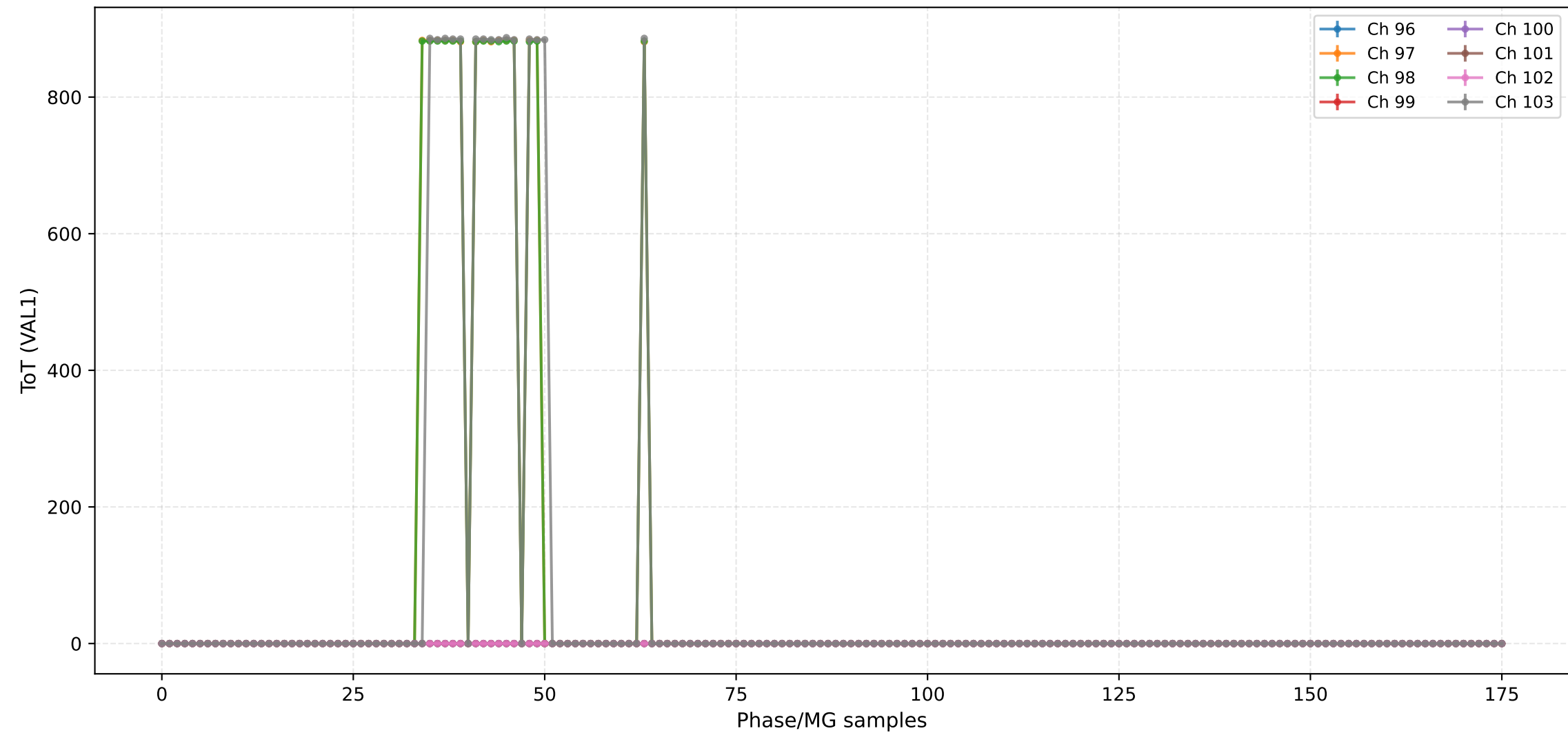
### ToT (VAL1) - Channels 80 to 87



ToT (VAL1) - Channels 88 to 95

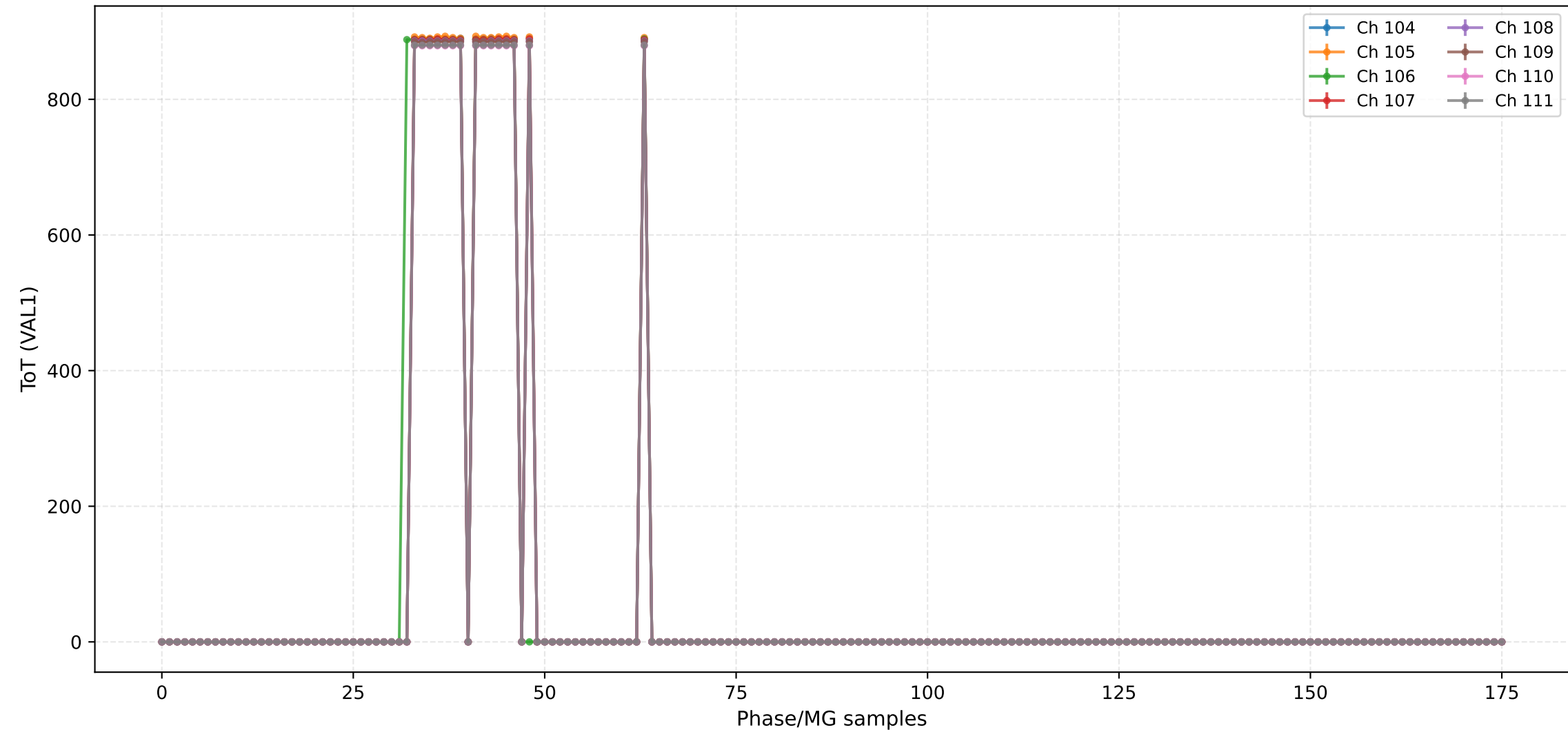


ToT (VAL1) - Channels 96 to 103

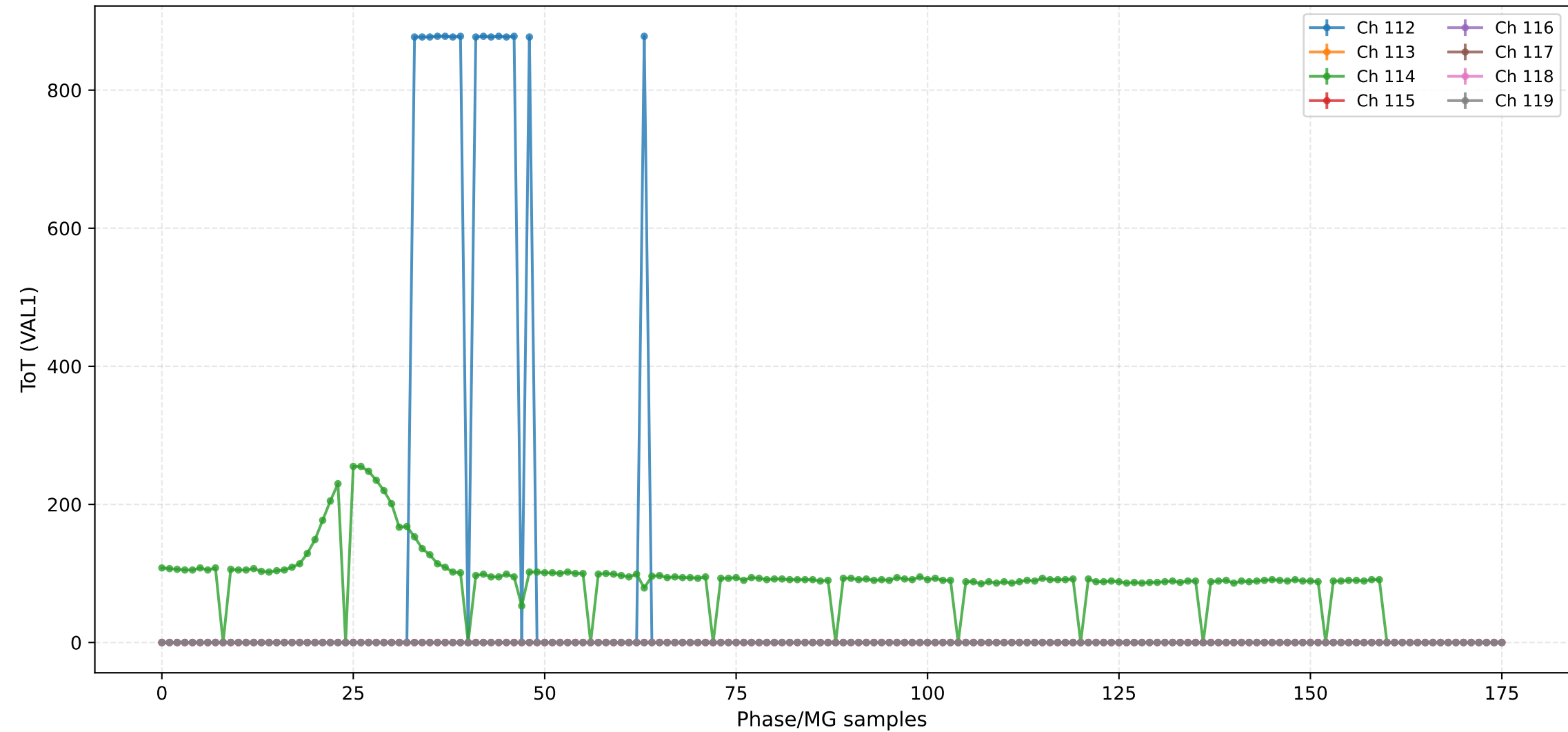




ToT (VAL1) - Channels 104 to 111



## ToT (VAL1) - Channels 112 to 119



### ToT (VAL1) - Channels 120 to 127



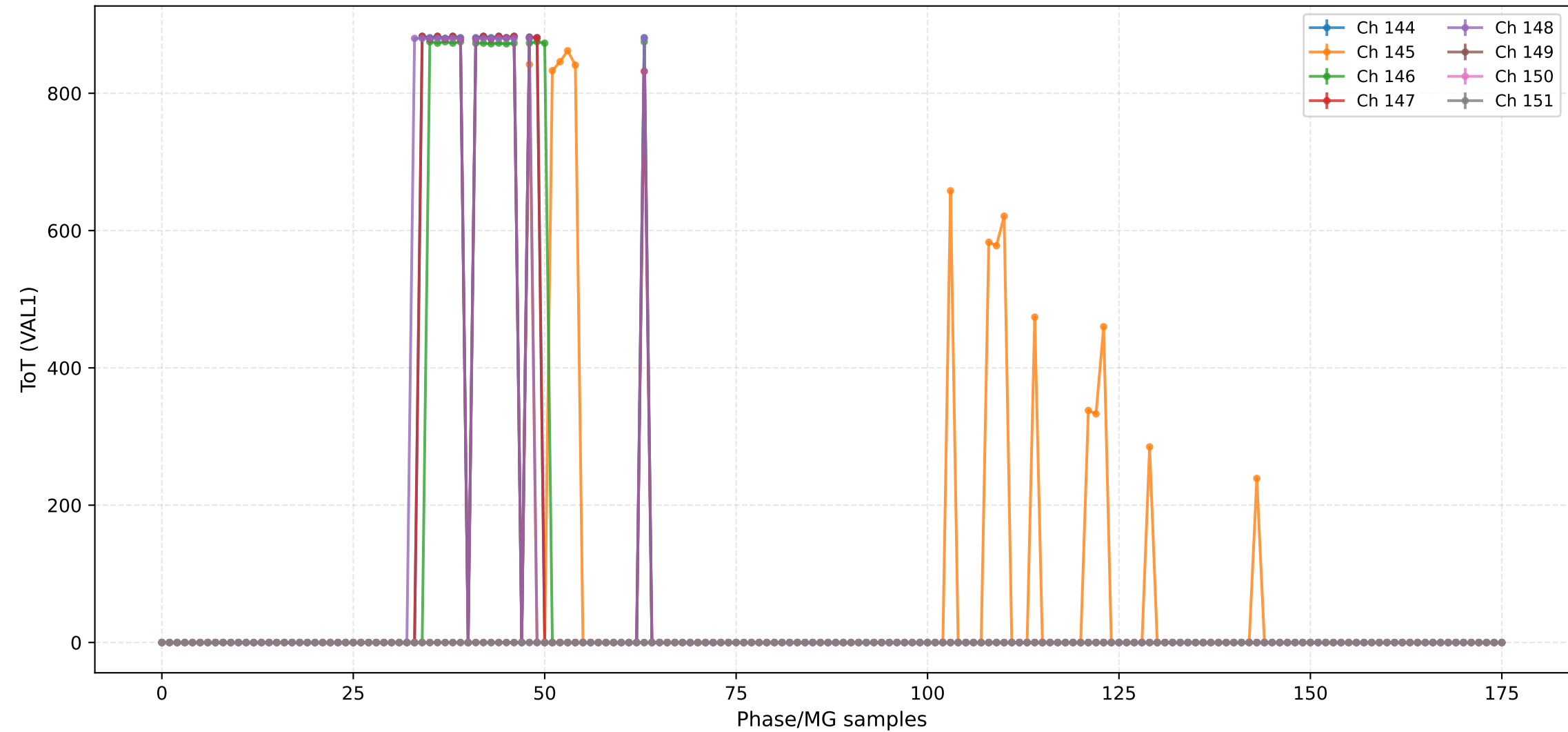
## ToT (VAL1) - Channels 128 to 135



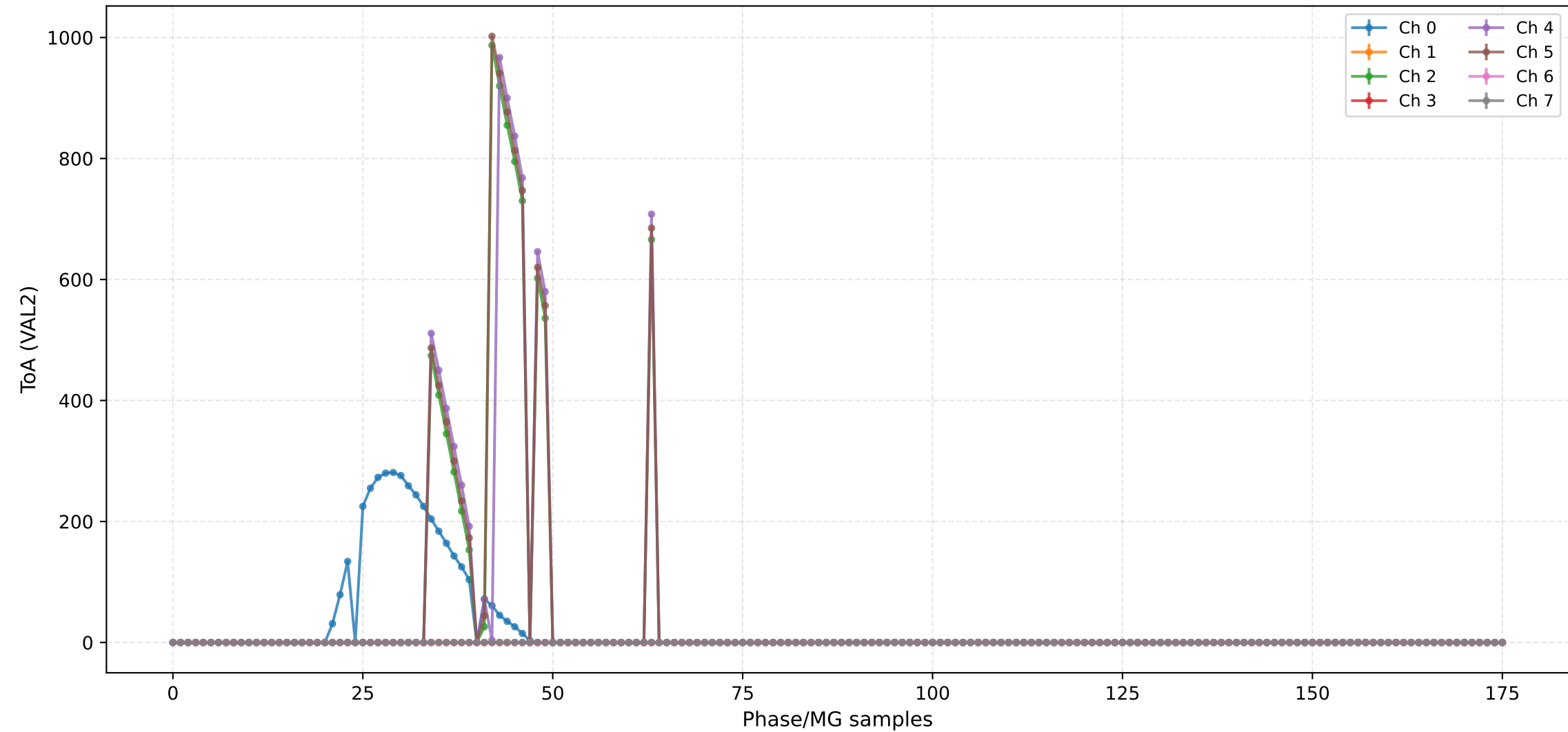
ToT (VAL1) - Channels 136 to 143



### ToT (VAL1) - Channels 144 to 151



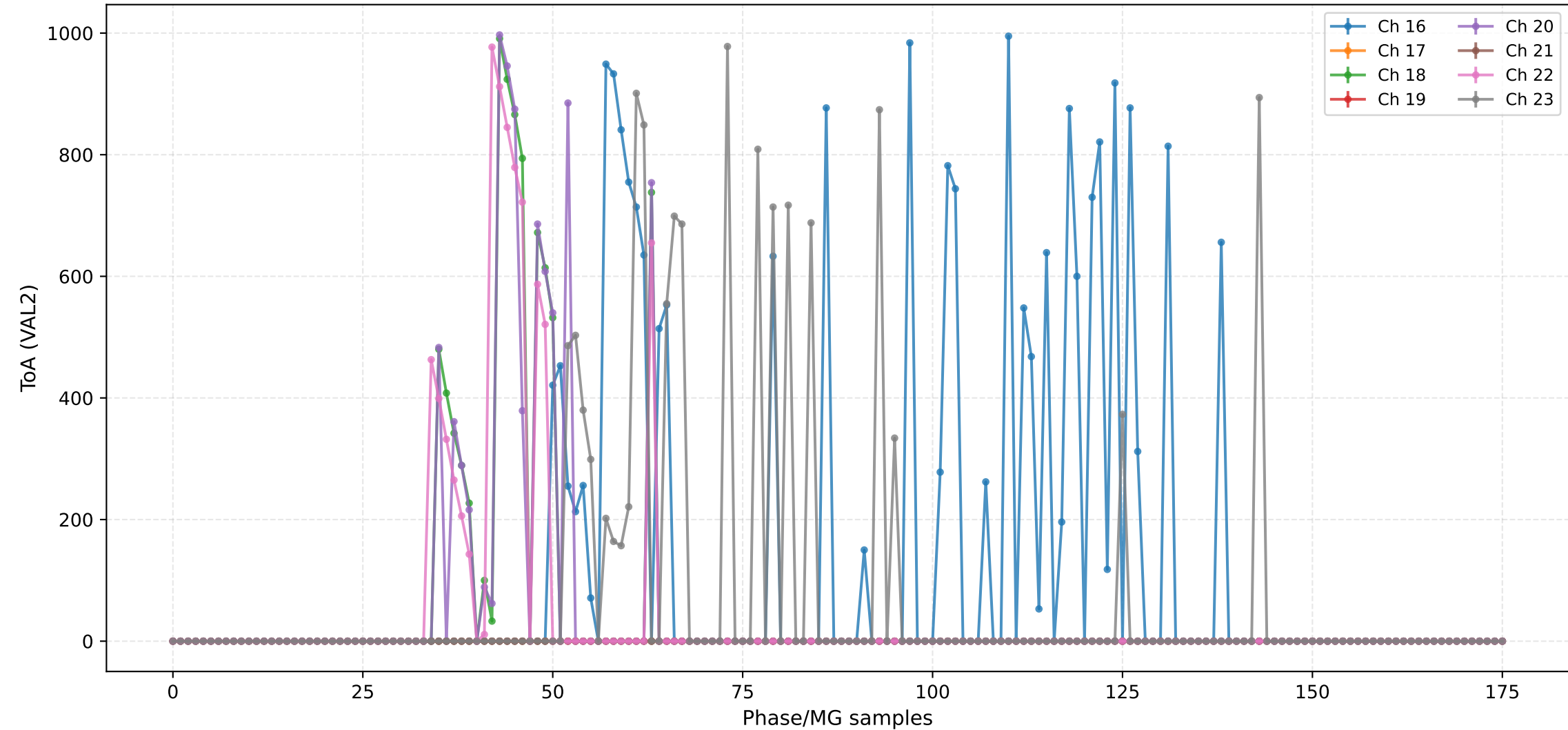
## ToA (VAL2) - Channels 0 to 7





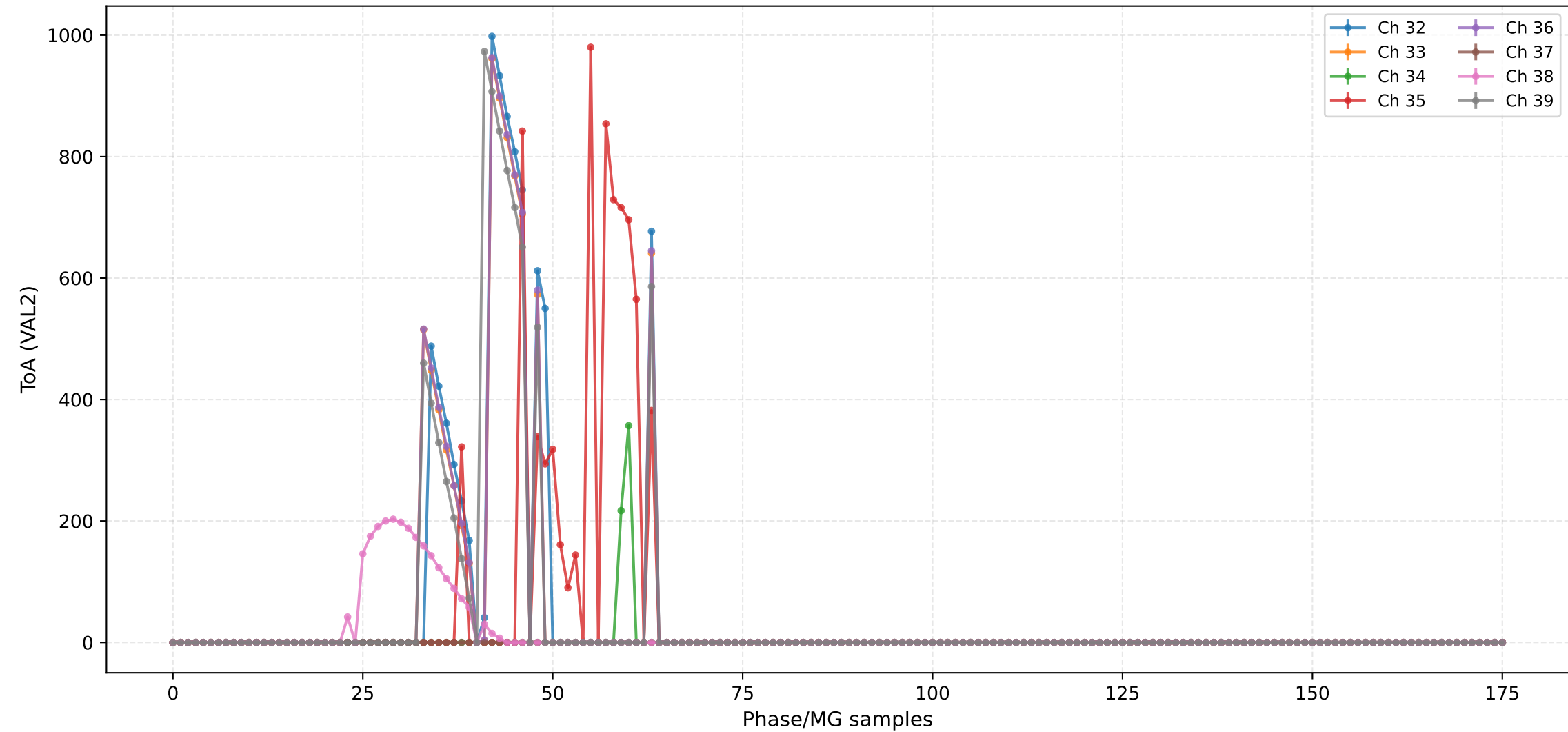


ToA (VAL2) - Channels 16 to 23

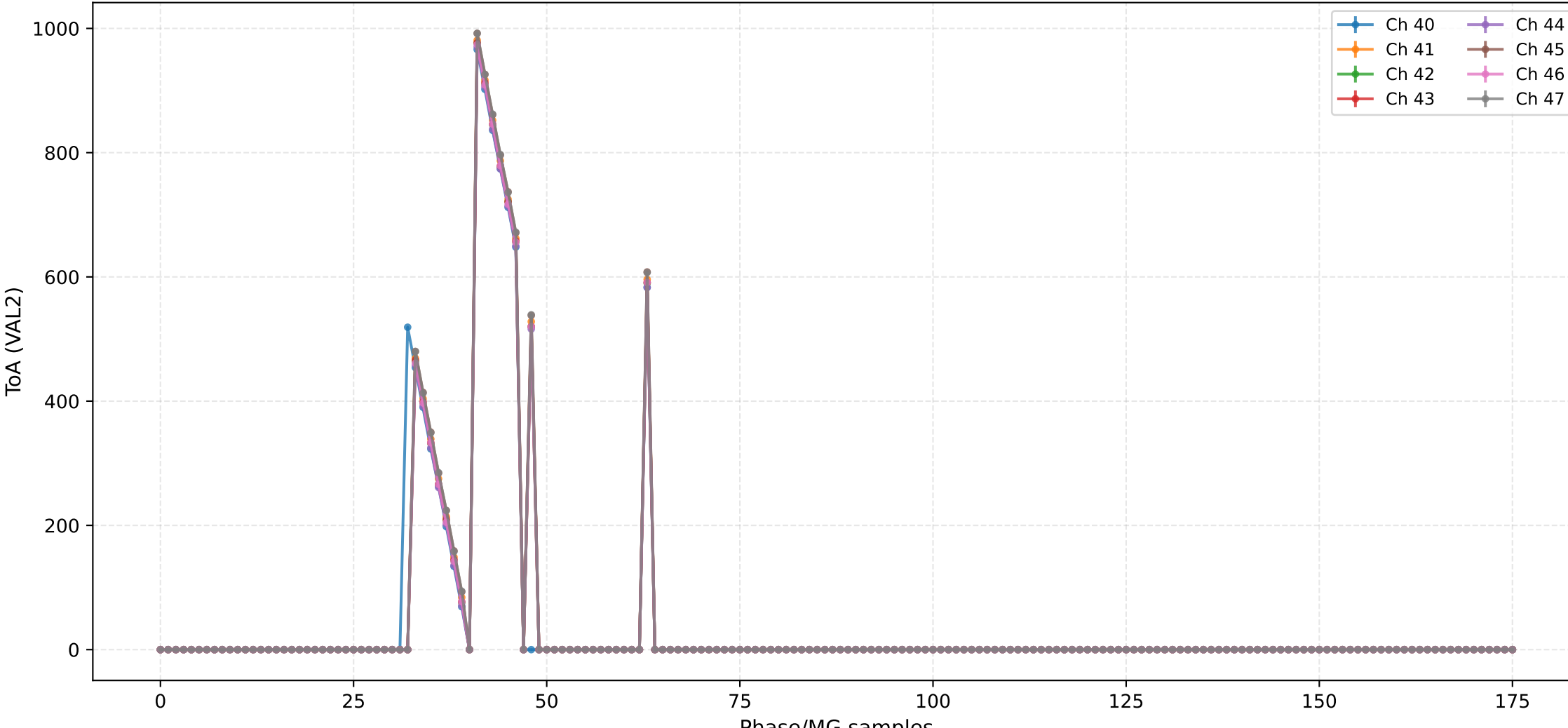




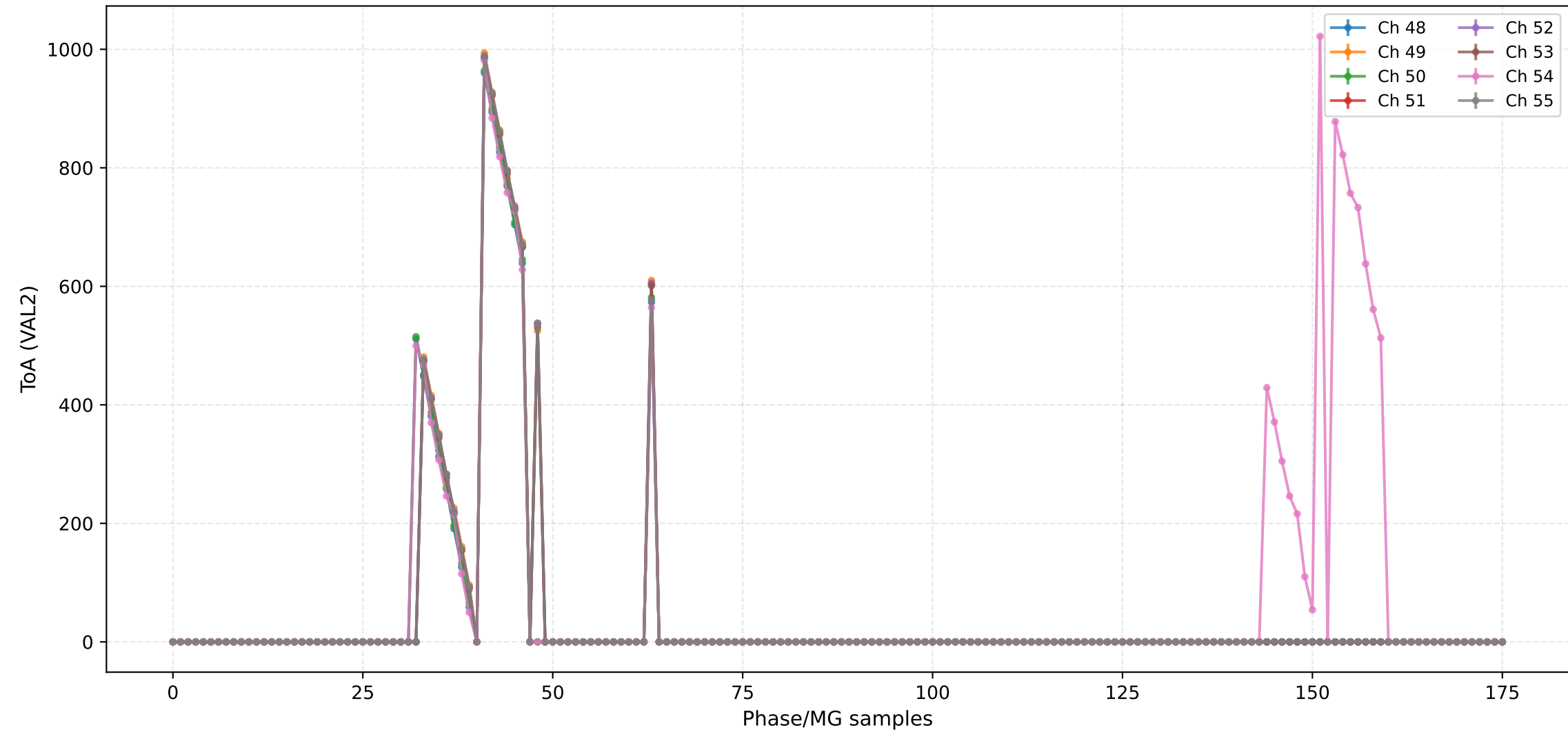
ToA (VAL2) - Channels 32 to 39



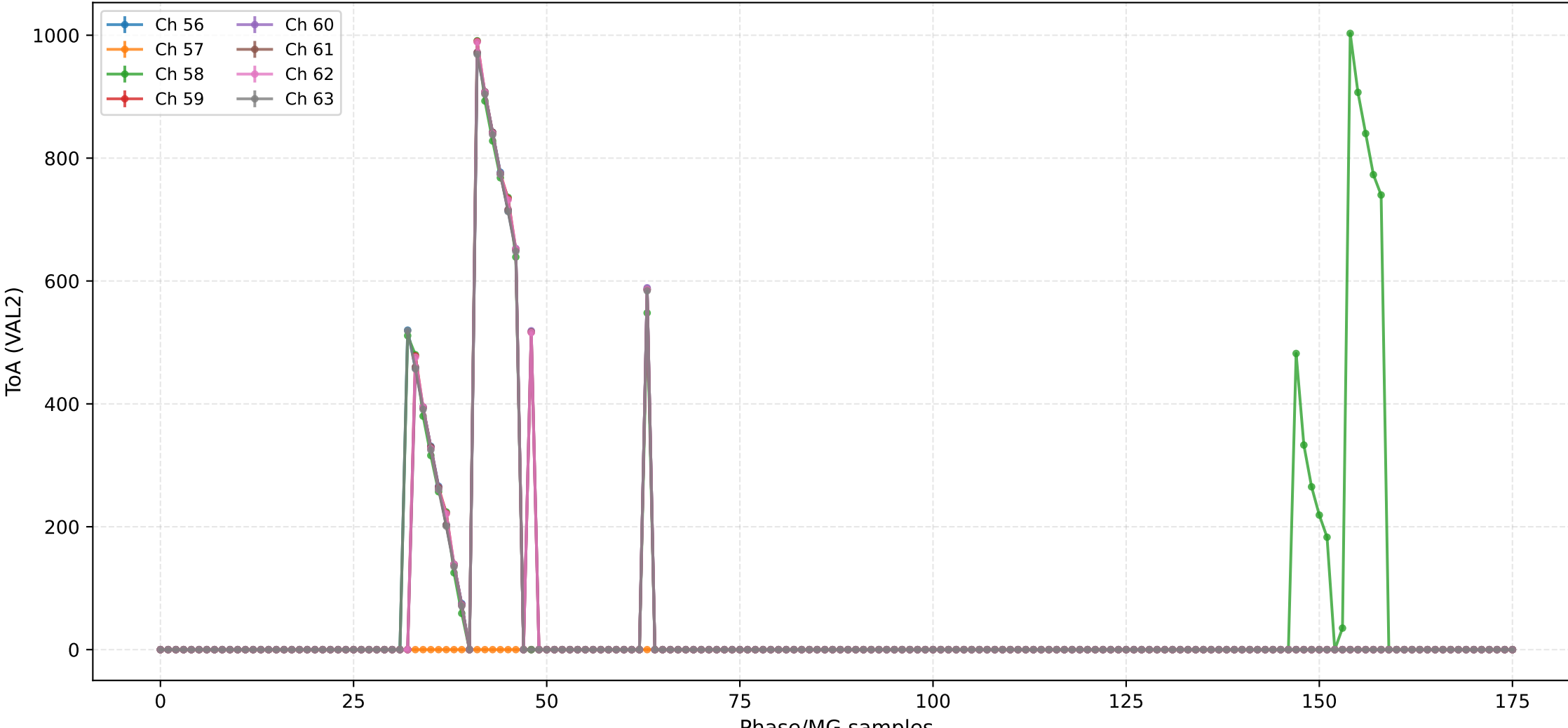
## ToA (VAL2) - Channels 40 to 47



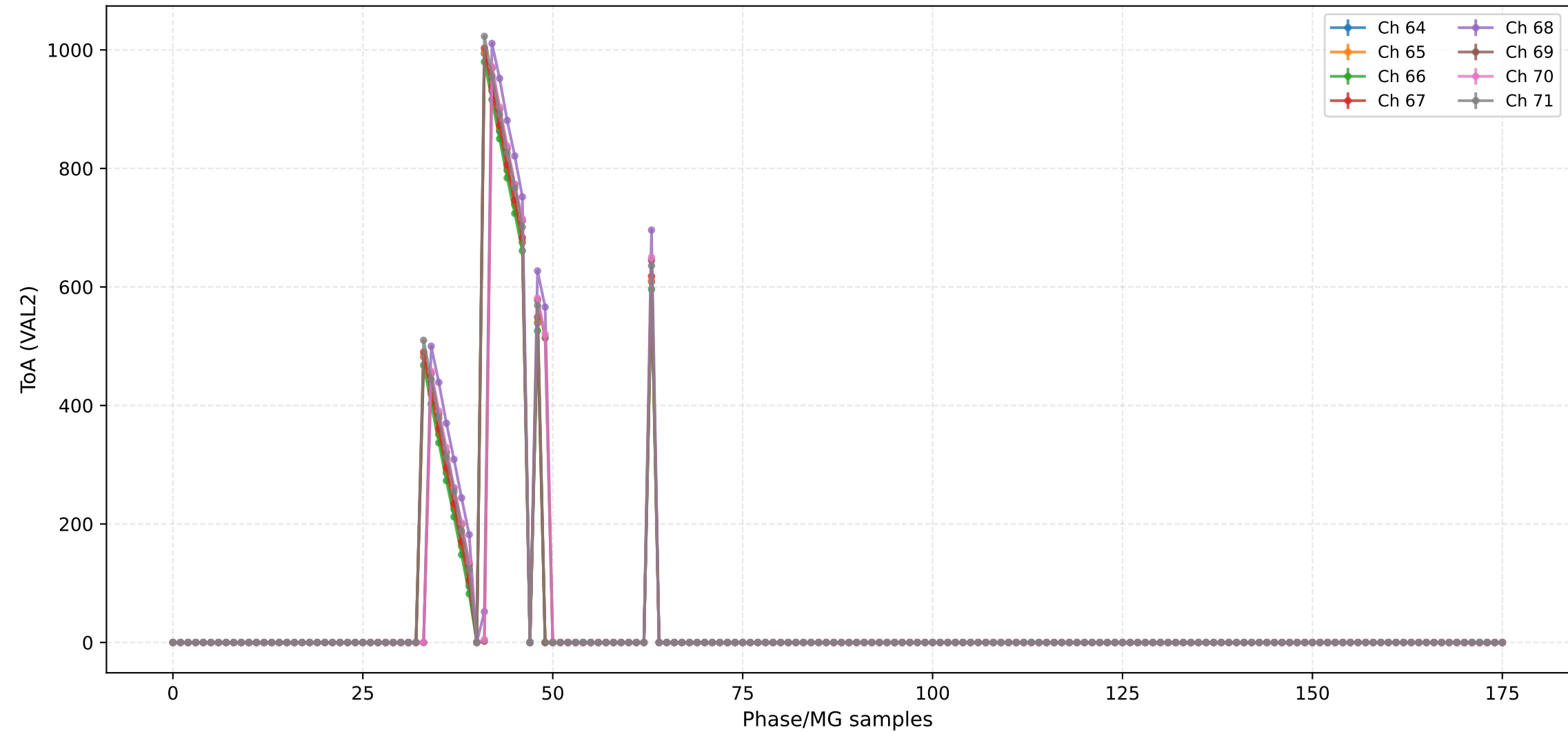
ToA (VAL2) - Channels 48 to 55



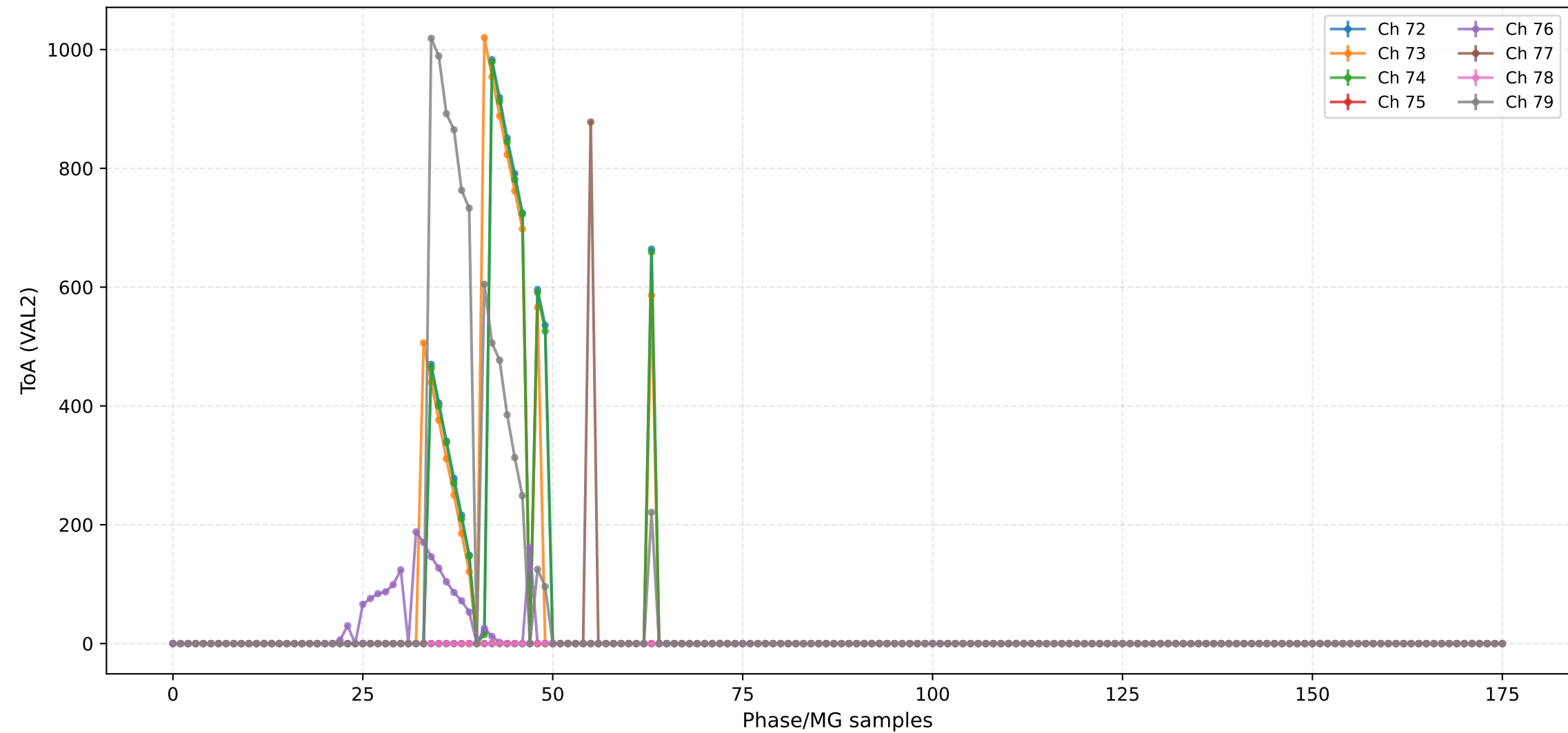
## ToA (VAL2) - Channels 56 to 63



## ToA (VAL2) - Channels 64 to 71

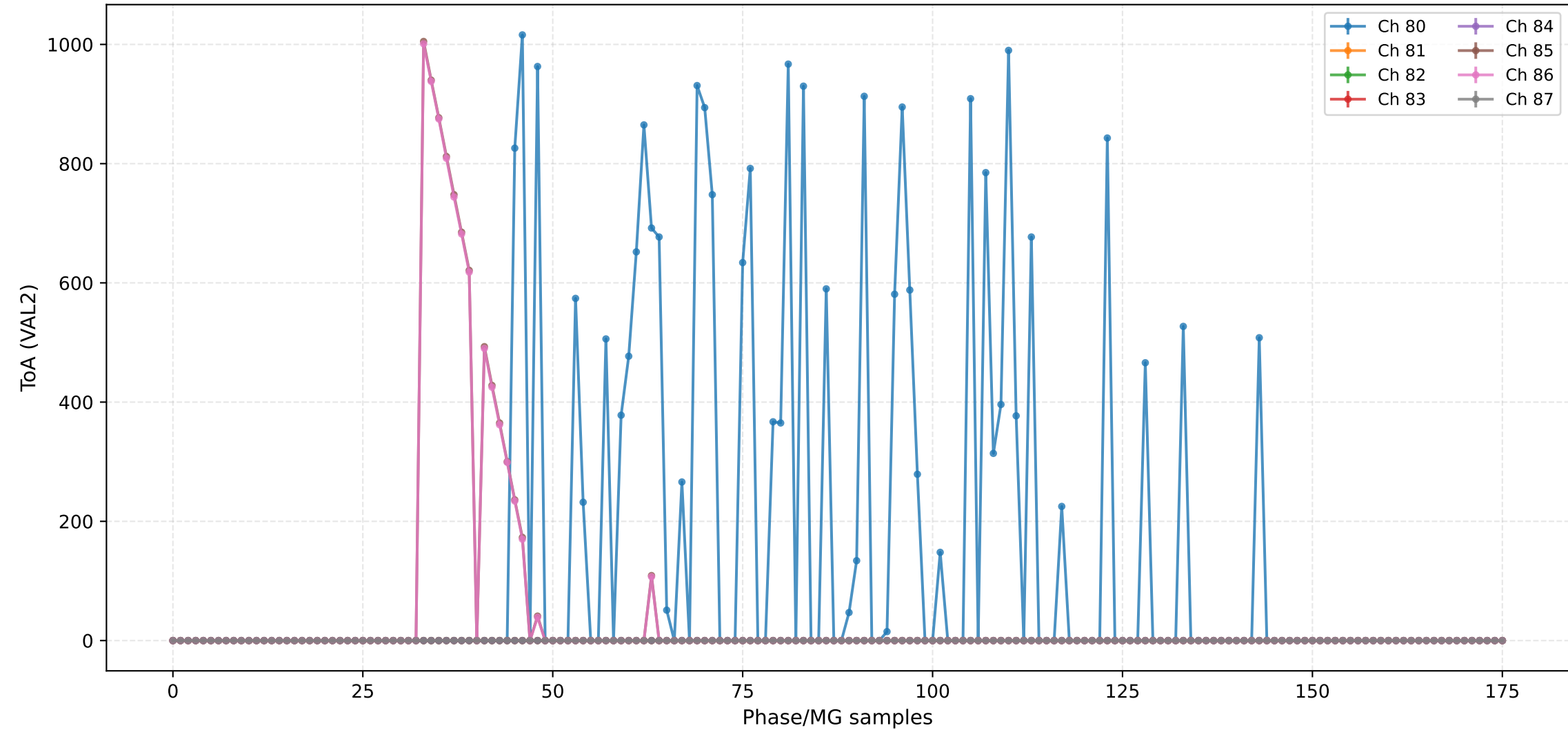


ToA (VAL2) - Channels 72 to 79





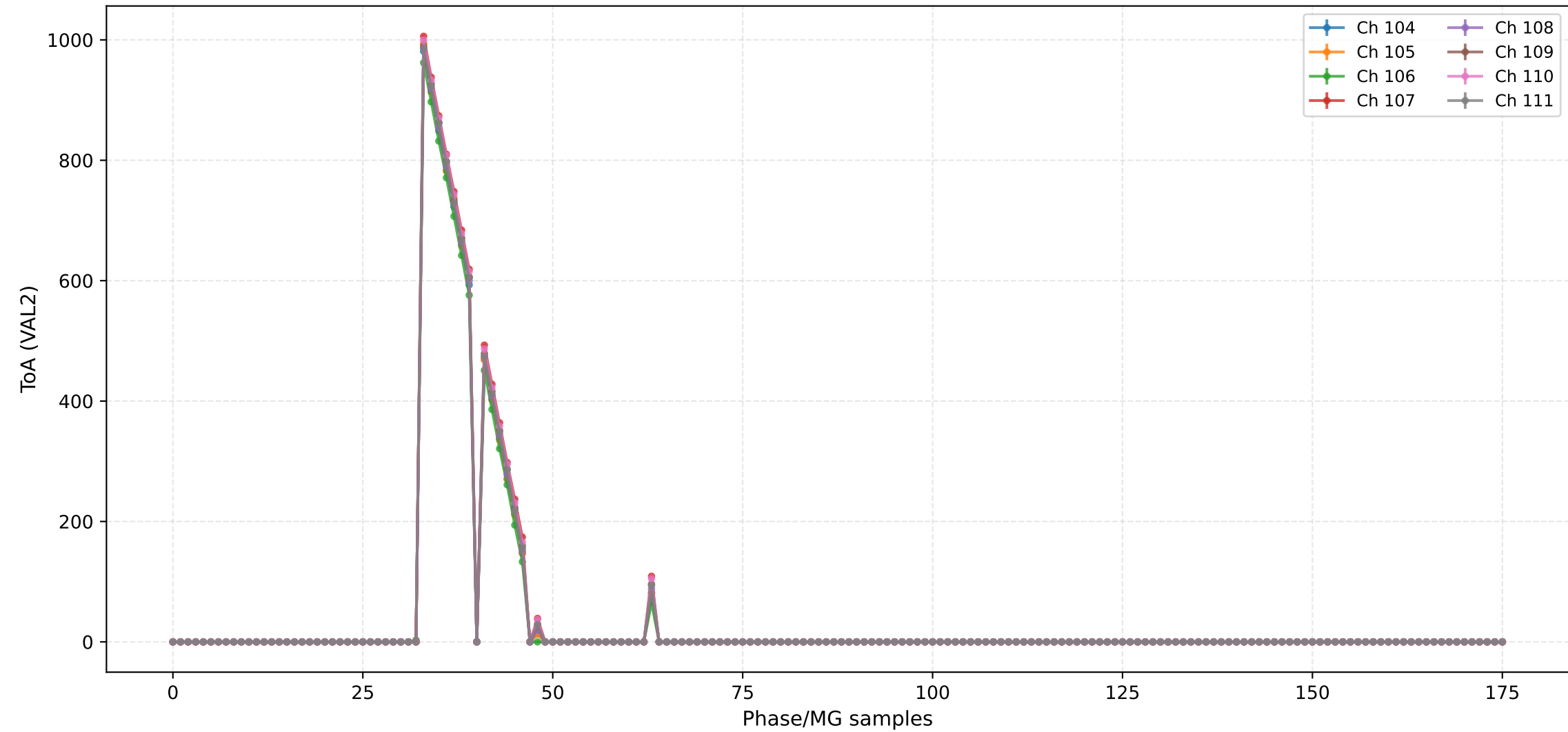
## ToA (VAL2) - Channels 80 to 87







## ToA (VAL2) - Channels 104 to 111





The graph displays the time evolution of the expectation value of the Pauli matrix  $\sigma_y$  for four different channels (Ch 120, Ch 121, Ch 122, Ch 123). The x-axis represents time in units of  $10^{-12}$  s, ranging from 0 to 150. The y-axis represents the expectation value, ranging from -0.5 to 0.5. All four channels show a constant value of approximately 0.05 throughout the entire time range.



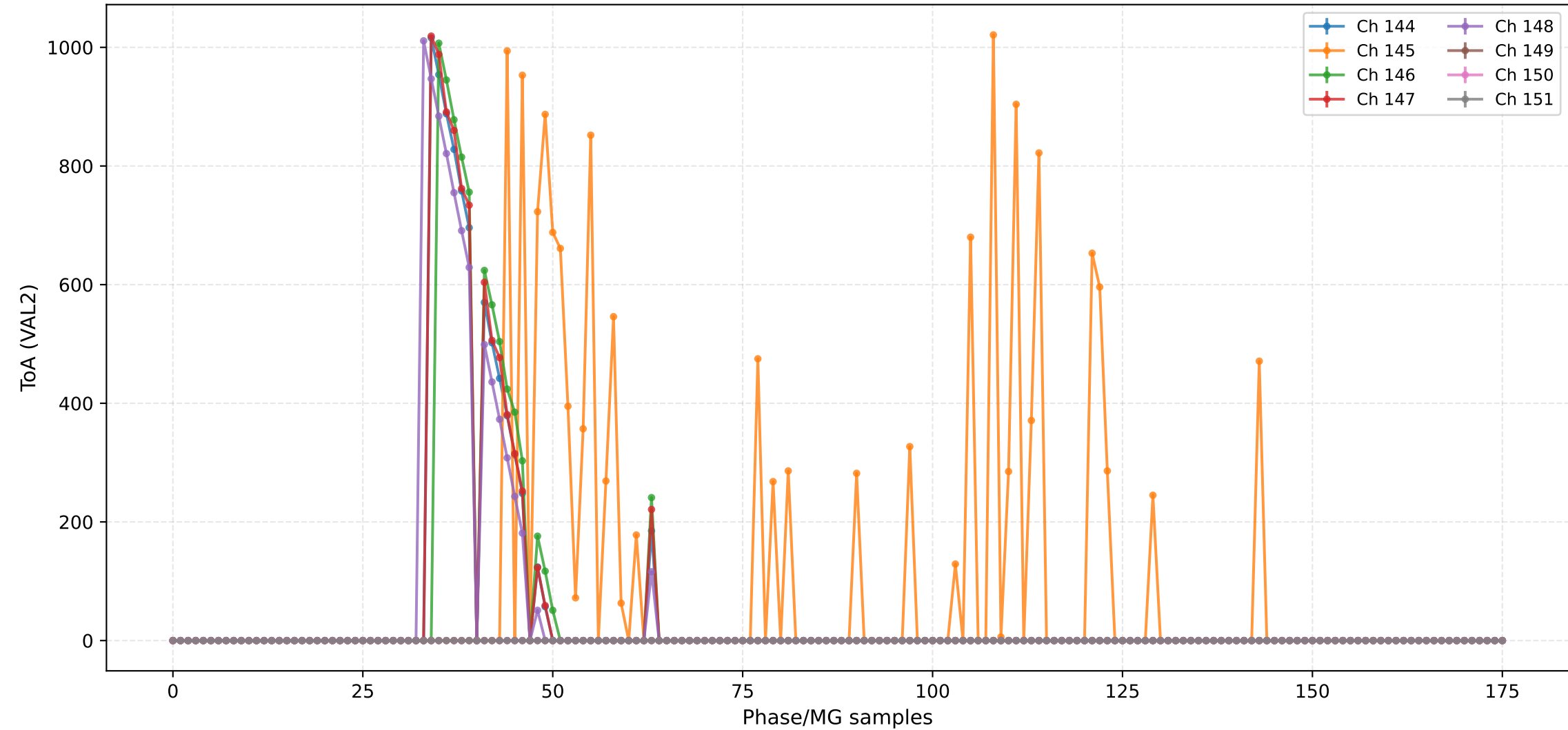
## ToA (VAL2) - Channels 128 to 135







ToA (VAL2) - Channels 144 to 151



## Injection Scan Results

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Script: 205\_Injection v1.0

Date: 2025-12-11 15:03:15

### Configuration:

- Total ASICs: 2
- Injection DAC: 3500
- Machine Gun: 10
- Scan Pack: 2
- Scan Channels: 76
- 2.5V Injection: True
- High Range Injection: False

### Analog Settings:

- RF: 0x-1
- CF: 0x-1
- CC: 0x-1
- CF Comp: 0x-1

### Output Files:

- 205\_Injection\_asic2\_injdac3500\_mg10\_pack2\_chn76\_val0.csv
- 205\_Injection\_asic2\_injdac3500\_mg10\_pack2\_chn76\_val1.csv
- 205\_Injection\_asic2\_injdac3500\_mg10\_pack2\_chn76\_val2.csv